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W. Z. Lidicker

1982-1991

Catalogue #3874-4123
Journals

W. Z. Lidicker

1982-1983

Catalogue #3874-3898

LIDICKER
1982
+
1983

Tilden Park (near Jewel Lake), Contra Costa Co., Calif.

8 April (died 9 April) coll. by Steve Abbors

3874 ♂ Lasionycteris noctivagans 6.5 g (emac.) 102-37-9.5-14
test. 3 mm.

Lübeck, W. Germany

1982 (coll. by A. Grupp) (killed 4 June)

3875. ♂ Mus 19± g 184-91-19.5 (SW) 18.5 (SW) -14
test. 6½ x 4 mm.; s.v. 9 mm.

Alcatraz Island, San Francisco Co., Calif.

13 May, 1983 coll. by R. Pierotti & a Larus occidentalis

3876. ♀ Peromyscus maniculatus 15 g. 155-66-21-14.5
Mt. h. embryos, recent lact.; CL 4 R, 2 L

629 Miner Rd., Orinda, 230 m., Contra Costa Co. Calif.

27 Aug (killed 31 Aug.)

3877 ♂ Microtus californicus 54 g. 187-50-23.5-15
test. 6 x 3.5 mm

0.9 mi. W Sagehen Creek Field Station, 6480 ft., Nevada Co., Calif.

10 Sept.

3878. ♂ Sorex vagrans 8.6 g 106-32-12.5-6
test. 5 x 3 mm.

9 Sept.

3879 ♀? Sorex palustris 11.0 g. 157-78-20-7
test. 4 x 2.5 mm

3880 ♂ Eutamias speciosus 52.1 g 202-82-34-20

1.6 mi. N, 0.6 mi. E. Cleveland, 5200 ft., Plumas Co. Calif.

Sept. 11

3881 ♀ Eutamias minimus 35.4 g 191-77-29.5-14

Hastings Nat. Hist. Reservation, 1700 ft., Monterey Co., Calif.

Oct. 22

3882 ♀ Myotis volans 9.3 g 106-43-10-12.5-8 mm
lactating

LIDICKER

1983
+
1984

Russell Reservation, Lafayette, Contra Costa Co., Calif.

Nov. 19 (coll. Nov. 17 by Frank Determan)

3883 ♂ Arvicolinae Peromyscus fossil dens — 30.5 g — 127-38-14-30 (acc. glands large, tail 5 x 4 mm; no visible mm., ro. brown variation; very fat)

3884 ♀ " " — 27.2 g — 125-38-14-29 (very fat)

Brooks Island, Contra Costa Co., Calif.

March 25

3885 ♀ Microtus californicus — 49.5 g — 178-46-21.5-14.5 (6 embs x 6 mm; perf., P. enl., N. lg., not lact, prev. lact)

3886 ♀ " " — 45 g — 182-50-21.5-14 (perf., P. sat., N. lg., not lact, plac. scars)

3887 ♀ " " — 46.5 g — 174-46-21.5-15 (perf., P. enl., N. lg. not lact, plac. scars ovs. active)

3888 ♀ " " — 55.5 g — 180-44-21.5-14.5 (imp., P. enl., N. lg., lact., 7 embs x 4 mm)

3889 ♀ BUFFY " " — 16 g — 129-32-18.5-12 (perf., P. [illegible] N. tiny, perf. c.l. multip.)

3890 ♀ BUFFY " " — 56 g — 191-52-22-15 (P. enl., N. lg., 4 embs x 14 mm)

3891 ♀ " " — 57 g — 184-48-21-14 (perf., N. lg. not lact., P. sat., 5 embs x 28 mm)

3892 ♀ " " — 37.5 g — 179-46-21-15 (imp., P. sl. enl., N. lg., lact., 5 pl. scars)

3893 ♀ " ovs. w/c.l. — 45.5 g — 176-46-20.5-15 (imp., P. sl. enl., N. lg. sev. granulosa ? plac. scars)

3894 ♀ " " — 33 g — 166-44-20.5-13 (imp., P. sl. enl., N. med., 6 embs x 3 mm + 5 pl. scars)

3895 ♀ " " — 53 g — 176-47-21.5-13 (imp., P. enl., N. lg., 5 embs. x 21 mm)

3896 ♂ " e.t. visible s.v. 16 mm — 65.5 g — 215-59-22.5-15 (test. desc., scrot. pigm., test. 9 x 6.5 mm.)

Marine World, Redwood City, San Mateo Co., Calif. (AAZPA, ISIS # 310505028-62)

Wild caught, possibly from Thailand (died of kidney stones)

Oct. 21, 1984 (approx. birth date = 1974) — donated by Pat Foster-Turley

3897 ♀ Oryx (Amblyoryx) cinerea — 3 kg (dressed wt.) — 833-292-95-20 (* SKEL. ONLY)

1.2 mi. SSW Avery, 3250 ft., Calaveras Co., Calif.

20 Jan. 1984 (prep. 19 Apr. 1985) — Sta 10, Trap no. 8

3898 ♀ Microtus — 25.2 g — 154-39-22-11 (nwlip; ovs. inactive; coll. by D.B. Wake)

W. Z. Lidicker

1982
Journal

Calif: Solano Co.
Chile

LIDICKER
1982

Grizzly Island, Solano Co., Calif.

May 7 Went with Dr. Uzi Ritte (Hebrew Univ., Jerusalem) to set traps for harvest mice. Uzi brought along an Israeli friend: Shmuel Yarmis - a landscape architect & botanist. We set 107 Longworths baited with peanut butter & oats in 3 places in order to sample 3 kinds of old field grasslands. One area was dominated by Avena (with some Hordeum); the 2nd was an old barley field but actually Lolium & other grasses dominated. The third area was along the edge of some large planted bamboo groves - at least it seemed to be planted as the field had grids & straight edges.

Saw 2 groups of elk. One had 17 ♀♀, 3 yg. ♂♂ & 3 fawns, & the other about ⅔ of the latter group consisted of 13 bucks, one of which - obviously the largest & with a magnificent set of antlers still in velvet stayed off to one side of the group. Lots of pheasants in evidence, & saw one pair of ♂♂ in a territorial dispute.

May 8

Uzi & I finished up trapping. Caught only one suspected Microtus. One of our trap boxes was stolen. Explored around one for several hours before heading back.

Chilean Trip

15 - 21 November

15-16 Nov. Travel to Santiago, via Miami, Caracas, Manaus, Santa Cruz (Bolivia), La Paz, & Arica (Chile). Spent PM of 16th with Luis Contreras of University

L'Dickson
1982

de Santiago. Took train overnight to Valdivia

Nov. 17-19 Simposio internacional sobre Regulación Poblacional. Hosted by Instituto de Ecología y Evolución at Universidad Austral de Chile in Valdivia. My host was Roberto Murúa. Only other foreign attending was Art. Shapiro of UC Davis.

Took overnight bus back to Santiago.

Nov. 20 - Spend day in Santiago with Luis Contreras & Eduardo Fuentes (Universidad Catolica). & morning we went to the famous botanical study area in N foothills west of the city. ~~Bachelet Affair~~ After lunch with Fuentes family (Eduardo, Johanna, Pablo (2yo) & Marta (infant)), Eduardo & Luis & I toured La Herradura - one of four barrios in city of the Univ. Catolica & the city center. Back to airport ~ 18h. met Miguel Altieri (UC Berkely) just arriving at airport. My flight left 22:25.

Nov. 21 - Back to Berkely via Lima & Miami. Had 7 hour layover in Miami. Went to key Biscayne. Ar. S.F. 18:10.

Birds seen in South America. V = Valdivia area; S = vic. Santiago

Cormorant (Valdivia to Corral) - probably P. olivaceus

Great Grebe (Podiceps major) - 1 V

Buff-necked Ibis (Theristicus caudatus) - 5+ (fields N. of Valdivia)

Kelp Gull (Larus dominicanus) - com. V.

Blk-headed Gull - probably L. serranus - Andean Gull - com. V.

(cont.)

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1982

S. American birds cont.

Black Vulture - 20+ V.

Caracara (prob. Polyborus plancus) - V

Chimango caracara (Milvago chimango) - V & S

Kestrel (Falco sparverius) - prob S. of Santiago

Lapwing (prob. Vanellus chilensis) - La Paz

Domestic pigeon

tortola cordillerana (dove) = Metriopelia melanoptera -
foothills E. of Santiago

swallow (Notiochelidon cyanoleuca) - V

House Sparrow

Turdus falklandicus - V.

red-breasted meadowlark (Pezites militaris) - S

Finches:

yal cordilleran (Melanodera xanthogramma barrosi) S
(S has black throat)

small yellowish finch - V

Diuca diuca - S

Zonotrichia capensis (chingolo) - S (subcont. of S)

W. Z. Lidicker

1983
Journal

Calif: Alameda Co.
Calif: Sagehen Creek Field Station
Texas: Aransas Refuge

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1983

Coyote Hills, Alameda Co. Calif. 7 mi. NW Fremont
May 7

Pied bd Grebe — 4+ + 1 juv.
Gt. Blue Heron — 2+
Cattle Egret — 1
Snowy Egret — 20+
Blk cr. Night Heron — 10+
Amer. Bittern — 2
Mallard — 40+
Gadwall — 15+
Pintail — 8+
Common Teal — 20+
Ruddy Duck — 10+
T. Vulture — 1
Wht-tailed Kite — 2+ (1 light bird)
Marsh Hawk — 6+ incl. 1 nest w/ 5 eggs — grass knoll (Eggs Vanished)
Calif. Quail — 1+
Pheasant — 15+
Coot — many in channels and bends of bay
Killdeer — 2+
Willet — 1+
Least Sandpiper — 10+
Am. Avocet — 2
Blk-necked Stilt — 50+
W. Gull — 20+
California Gull — 1?
Forster's Tern — 20+

(cont.)

L. DICKER
1983

7 May 1983

Cooper's Hawk - 1

Mourning Dove - 1+

Great Horned Owl - 1

Vaux's Swift - seen (new migrant)

Anna's Hummingbird - 5+

Allen's " - 10+

W. Kingbird - 1

Ash-throated Flycatcher - 2

Black Phoebe - 2+

Tree Swallow - 10±

Barn Swallow - 50±

Cliff Swallow - 30±

Scrub Jay - 1

Chestnut-backed Chickadee - 5±

Common Bushtit - 5±

House Wren - 1

L-b. Marsh Wren - 40±

R.-c. Kinglet - 1

Starling - 25±

Warbling Vireo - 1

Blk-th. Gray Warbler - 1+

Townsend's Warbler - 2+

Hermit Warbler - 1

Yellow-rump - 5±

Wilson's Warbler - 2+

Yellow Warbler - 1

Edition
1983

Song sparrow
House Sparrow - 20
Red-w. Blackbird - 40±
Bullock's Oriole - 2±
Brewer's Blackbird - 50±
Brown-headed Cowbird - 1
House Finch - 30±
Am. Goldfinch - 5±
Rufous-sided Towhee - 1
Brown Towhee - 1
Song Sparrow - 20±

6 species

Amphibians: Pacific chorus frog
Salamanders: ensatina - 1±
Microhylid frog
Deer - 2± (orig)

Saylor Creek Station Field Trip with Mammalogy Class

9-11 Sept.

Sept. 9 - Group in my car was An-Ping Yang (Peking University), Alison Yeates, Naomi Walker, and Josef Lindholm. Set 30 mm. flies with Yang + 3 gopher nets in the Kiln meadow area + W of the Station: 6 trap sets for water shrews, 11 in willows + grass near creek, 5 in meadow for microtines + 8 in rocks, sage, + forest edge vicinity. Then in all 5 Tomahawk live traps in rock outcrop for Neotoma cinerea. We had not set our first at Station complete 3 differs + 1 trap. Ran traps about 2200.

Sept. 10 - Cold below freezing during the night.

LIDICKER
1983

Sept. 10 cont.

Catch: Sorex palustris - 1 (creek) (WZL# 3879)

Sorex vagrans - 1 (meadow) (WZL# 3878)

Zapus trinotatus - 1 (grassy along stream)

Microtus montanus - 2 (meadow)

Eutamias amoenus - 1 (rocks)

Eutamias speciosus - 1 (forest edge) (WZL# 3880)

Peromyscus maniculatus - 1 (rock outcrop)

Thomomys monticola - 2 (grassland on forest edge)

Neotoma cinerea - 1 (rock outcrop) - released

Callospermophilus lateralis - 1 (") - released

At 1400 left for Sierra Valley and trapping sites N. of Chilcoot. Set line of 20 by Sierra Valley Farm Co. trap with grass. Then Yager & set the 30 mus. species. 10 in heavy fairly isolated boulders + 20 in 2 lines across sandy desert. Returned to Sagehen. Set 10 wet traps marked on trees for flying squirrels in mature forest N & of Station (Sierra Co.) - walmets for bait. Evening walked with group E. of Station looking for beaver. Patches of good area below Station seems washed out by spring floods + no recent beaver sign was found.

Sept. 11 Returned to Chilcoot to pick up traps. Catch:

Live trap: Dipodomys ordii - 4 (2 around last night of NE ord.)

Snap trap: Dipodomys ordii - 4

Peromyscus maniculatus - 4 + 1 tail tip

Eutamias minimus - 1

microdipodops megacephalus - 1

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1983

Sept. 11 cont.

Trip : rocks caught nothing. Of 20 in early dawn, only 1 was not set off. Returned to station flying Squirrel sets about 1000. Only 1 trap was set off.

Left to return to Berkely 14 W.

Port Aransas and Aransas Refuge, Texas

30 Oct. to 3 Nov - Symposium at Univ. of Texas Marine Science Institute on Migration + Dispersal.

Arrived about 13:30 on 30 Oct + left 13:00 on 3 Nov.

On 2 Nov. from 14:30-17:00 took boat trip from Sea Gun Resort (M.V. Whooping Crane) into Aransas Bay + then north into Aransas Refuge along the intercoastal waterway.

Birds seen on trip (those seen only at Aransas Refuge are indicated by an "A"):

Pied Bl. Grebe - 5 (A)

White Pelican - 25 (A), 15±

Brown Pelican - 5 (A), 3

Double crested Cormorant - abundant

Gt. Bl. Heron - 40 (A), 40±

Little Blue Heron - one.

Reddish Egret - 2+

Common Egret - abund.

Snowy Egret - com.

Louisiana Heron - 10± (A)

Glossy Ibis - 3

White Ibis - 3 (A)

Roseate Sp - 10± (A)

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~~Nov. 1 - cont~~ Oct. 30 - 3 Nov. cont.

Pintail - 2 (A)

Amer. Widgeon - 25± (A)

Red br. Merganser - 1 ♀ (A)

Turkey Vulture - 5' (A)

White-tailed Kite - 1 (A)

Marsh Hawk - 6 (A)

Swainson's Caracara - 3 (A)

Kestrel - 4 (A), 2

Whooping Crane - 9 (including 1 brownish juv.)
+ 3 family additional ones seen at great distance. (A)

Sandhill Crane (?) - 10± (A)

Amer. Coot - abund.

Killdeer - 10±

Bobwhite - 2

Gull-like bird - 1 (S. of P.t. Arenas, low cloud)

Long-billed Curlew - 1+ (A)

Com. Snipe - 1

Whimbrel - 1

Sanderling - abund

Spotted Sandpiper - 1 (A)

Willet - 2+ (A), 20±

~~Franklin~~ Gt. Yellowlegs - 1 (A), 1

Herring Gull - com.

Ring billed Gull - 1 (A), 8±

Laughing Gull - abund

Forster's Tern - 20± (A), 10±

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30 Oct. - 3 Nov. cont.

Royal Tern - 5 (A), 5'

Caspian Tern - 2 (A)

Black Tern - 1 (A)

Rock Dove - com.

Belted Kingfisher - 3 (A)

Scissor-tailed Flycatcher - 3

Barn Swallow - 2+

House Wren - 1

Mockingbird - scr.

Starling - com.

House Sparrow - 15+

Loggerhead Shrike - 8 (A), 2

E. Meadowlark - 1

Red-wing - com.

Boat-tailed Grackle - com.

White-crowned Sparrow - 1

Lincoln's Sparrow - 1

W. Z. Lidicker

1984
Journal

Calif: Sacramento Valley Birding Trip
Calif: Contra Costa Co.
Australia and New Zealand

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1984

Sacramento Valley Birding Trip

Feb. 26 – Visited Gray Lodge Refuge N. of Sutter Buttes + Sacramento Wildlife Refuge; 11 00 – dusk

With: Susan Gallani, Hugh + Jerri Dingle

Pied bl. Grebe – com.	Wh. Swan – 1 imm.
Eared Grebe – 1	Wh. fronted Goose – 10± (more inland)
White Pelican – 8	Snow Goose – sev. 1000's
D.c. Cormorant – 15±	Mallard
Gt. bl. Heron – many	Gadwall
Com. Egret – com.	Pintail
Snowy Egret – 10±	Gr-w. Teal
Blk. cr. Night Heron – 3	Cinnamon Teal
Amer. Bittern – 3	Shoveller
T. Vulture	Ring-necked Duck – 1
Wh.-tailed Hawk – 6±	Bufflehead – 10±
Red-tailed Hawk	Ruddy Duck
Ferruginous Hawk (seen very well on ~~the~~ tree by rd. + in flight)	
Marsh Hawk	Dowitcher
Kestrel	W. Sandpiper – 2+
Pheasant (abundant – Sac. Refuge)	Avocet
California Quail – 15±	Blk.-nk. Stilt
Com. Gallinule – 25±	Ring bl. Gull
Coot	Calif. Gull
Killdeer	Rock Dove
Common Snipe – 1	Short-eared Owl – 1 (Sac Ref.)
Long-bl. Curlew – 12±	B. Kingfisher – 3
Lesser Yellowlegs – 20±	Blk. Phoebe – 2

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26 Feb. cont.

Tree Swallow	Yel. rumped Warbler - 1
Scrub Jay - 1	W. Meadowlark
Yel. bl. Magpie	Red-w. Blackbird
Com. Crow	Brewer "
L. bl. Marsh Wren	Vesper Sparrow - 1
Bewick's Wren - 1 (H.D.)	Junco
Mockingbird - 1	Wh. cr. Sparrow - 1
Starling	Savannah Sparrow
Robin	Song Sparrow
Loggerhead Shrike - 1+	L = 65

Brooks Island, Contra Costa Co. Calif.

March 24 Az-ferg Yang and I met Fred McCollum at Roy's Marina Service on the Richmond Inlet at 1400. (behind Channel Lumber Co.) Fred took us out to the Island in luxury. Weather: warm & sunny; and W. winds.

Climbed to saddle on top of island. Set 3 grnds of 10 Longworths to E of ridge trail - mostly in Wyethia, Chlorogonum, & coyote brush mixture with grasses. Last grnd was on edge of Elymus clump. Yang set 20 Longworths to W of ridge road in area more dominated by grasses. Found a mallard nest with 9 eggs. Then we set 10 traps down the slope toward the W. beach. Set 10 L. in Salicornia-Distichlis - Juncus area near picnic area. Then we set on N end of W. beach 2 sets 14 + Yang 5. Yang + Ford + Potter lastly set 11 Longworths along the E side of the island in an

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1584

Mark 24 cont

were dominated by Semaphoriana californicus.
While they were doing this I saw over 30 museum
specimens along the W edge of N. Pt. - from just below
water tank to small rock outcrop along trail to top.
This gave a total of 100 Longpoints + 30 sup top
sps

Microtus sign was moderately abundant - averaging
less than 100 vols/acre although in local areas there were
more. Trend took us back about 1745. Saw 1
Canada Goose on top of Little Brother that could have
been a nest. Trend says this goose nesting has
been a failure in the last 3 years because of
harassment by gulls & kayakers.

Mark 25

Very cold most part of AM. Weather: clear
& warm, very little wind.

Semaphorins - 4 adults, 1 yg. ad. + 4 juvs.
The adults are WZL #s 3885, 3886, 3887, & 3888. The
others are as follows: yg ad - ♂ 32.5 g, test 7½ x 6 mm. S.V. 5 mm

juvs. - ♀ 21 g (ovaries active, ut. horns slightly enlarged)
♂ 23.5 g.
♀ 17.5 g.
♂ 12 g.

On top N island: Very - 4 ad, juv. - 1♀, 1♂, 1 ?
(juv. released). WZL - traffic (all taken within ~12 m. N rock
other): 1 ad. ♀, 2 juv. ♀♀, & 1 yg. ad. ♂ (ad. & 1 juv. kept)

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March 25 cont.

agonis - adults (killed) - 8?

ad (released) - 1 ♂

juv. (released) - 6 ♂, 8 ♀

Trapline down to hill: 1 ad ♂ killed + 1 juv. ♀ released

W. Bank (1 trap not found) - Young - 1 ad ♂ killed + 1 ad ♀ released

W2L - adults killed - 1?

2 ad ♂♂ released

Salicornia - Dyspichelus nest (1 trap not found)

Killed: 1 ad ♂ + 1 ad ♀

released - 1 ad ♀ + 1 subad ♀

E. side of island in Scirpus - 1 juv. ♂ (released)

From 12:30 - 13:10 chatted with Fred + Patty McC in their home. Two Canada Geese seen in water near Little Brook (also 2 Oystercatchers on Little Brook yesterday).

Left island ~13:15

Total of 59 voles caught of which 55 were agonis + 4 buffs.

Overall sex ratio: 26 ♂, 32 ♀, + 1?

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Australian + New Zealand trip

1 – 30 July

July 1 – Left SF on Qantas 2100, with stop in Honolulu

July 3 – Arrived Sydney 06:25. Mike Angel + other members of Local Comm. met us + delivered us to Esron Motel in Randwick. Coldest weather for this date since 1896. Walked to Coogee Sands; Breakfast + had lunch at fish + chips place (excellent). In afternoon I visited Angel at the Univ. of New South Wales for conference business. In evening went to Thai Restaurant at "The Spot".

July 4–8 Field trip to Myall Lakes (Smith Lake Research Stn.) led by Barry Fox of the Univ. of NSW. Went N on Hwy 1 through Hornsby, W. of Gosford continuing N to Cessnock + the Hunter Valley (Pokolobin) Vineyards. We had lunch + town at Hungerford Hills Winery. Then we went on to Kurri Kurri + field station via Buladelah. Rain all day. On 5th – rain most of day. Toured S + W through Myall Lakes Natl. Park. Lunch at Mungo Brush. Then took Bombah Pt. ferry + back to Buladelah + Station. In evening went spotlighting with Barry to 24 N. 6 M, 7 R + 8 R clear weather. 6th N to Forster + Tuncurry + then to Barrington Natl. Park via Gloucester. Lunch at picnic area half way up mtns. Continued up into snow (several inches) + to snow gum forest. Returned to Station after dark via Stroud + Buladelah. 7th – Went to Sugar Creek together + then Wallingat Forest (to Chinaman's Lookout) in morning. Caught a large Diamond Python at the lookout. In

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1984

7 July cont.

The afternoon, we went to the coast at Seal Rocks.

On the 8th we returned to Sydney via Newcastle + Swansea (the latter is Barry Fox's hometown).

In the evening there was the opening ceremonies for the joint Aust. Soc. of Mammalogists – Australian Mammal Soc. meetings. Mammals seen on this day is checked. * (above)

Koala – 2 seen near Mungo Brush (a third we saw by some of group)

Red-necked Wallaby – 2+ seen W of Bombah Pt. ferry + additional 4+ ind.v. near the Station.

Eastern Grey kangaroo – 2 on way back to Sydney

Brush-tailed possum – 2 (spot-lighting), 1 road side

Greater Glider – 1 (spot-lighting)

Rabbit – 1

Europ. Fox – 1 DOR

July 9-13 – joint ASM/AMS conference, Univ. NSW.

Only July 9 I had privilege of opening scientific session + chairing first session. On 11th gave Synoptics paper + on 12th contributed rodent paper. Chaired session on Ecology of Small mammals on the 10th. Attended joint Board meeting of AMS Council + ASM Board of Directors on 13th. Dinner with Alan + Philyp Greer in Wollstonecraft on the 12th. Conference dinner at Harbour ferry on 13th

July 14

Attended matinée at Sydney Opera House. Dinner at Barry + Marilyn Fox's.

Live trapping was done for several nights by B. Fox on a near his Lookout Land study area. They caught & showed us:

Antechinus stuartii

Sminthopsis murina

Isoodon macrourus

Pseudomys gracilicaudatus

Rattus fuscipes

Mus domesticus

LIDIKEX
1984

July 15 Taronga Zoo. Dinner at Angelas (Singapore cuisine) in East Lakes with Angela's + Ron + Barbara Quinn.

July 16 - 23 Fowlers Gap tour

Tour was led by David Read, graduate student of Barry Fox's at Univ. of N.S.W. Two coaches + crew were provided by Centralia Tour Co. Crew were: drivers - Ray + Tim L., cook - Tracy, cook's helper - Gail S., tour leader - John Stanley + his wife - Wes. There were 68 participants from the conference.

July 16 - Rain all day. Met at Univ. at 07:30; actually left 08:25. Brief stop in Katoomba, lunch at Bathurst Parade Grounds where we found some shelter from rain. At Dubbo we continued N to Gilgandra + then Coonabarabran. From here we went into Warrumbungle National Pk. + camped at Rr Woolshed. Dinner was ~ 2230-2300. Very cold night.

July 17 - Beautiful day. Even colder night. In AM Susan + I hiked to top of Belougery Split Rock mountain. In afternoon we took shower at Camp Blackman + then I rode short hike out from camp. Sat up until 2 AM talking over a stream with Dave Read.

July 18 - Lv. Warrumbungle + drove to Dubbo. Visit Western Plains Zoo then a late lunch. Lv. 1500 + drive N to Bourke. Camped in campground N of town near Darling River. At 2000 had talk from Ted Finney, Director. They are making plans for breeding programs

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for the Australian — Bustard, bilby, banded-tailed bettong, brindled nail-tailed wallaby, & smaller fauna in that order.

July 19 - Leave Bourke & head W for Tibooburra. Lunch in Wanaaring. No rain but roads quite muddy. Our bus had a delay of ~1½ hrs. each because of mud clogged radiator. Camped after dark at Camp Mt. Wood in the SE corner of Sturt Natl. Park.

July 20 - Broke camp & drove to fuel complex N. of Tibooburra, lunch there at 11:30, left at 13:00. Headed S toward Broken Hill. Set up camp in daylight at Fowlers Gap Research Stn. (owned & operated by the Univ. of N.S.W.). While breaking camp in Sturt Natl Park moors (of Wellington, N.Z.) found a prong-thorned dragon (Amphibolurus). Stopped briefly in Packsaddle before getting to Fowler's Gap.

July 21 - After breakfast we went out to ridge to N to see Tim Clancy's radiotracking of euros operation. At 10:30 we left for abo campsite near N. edge of property. Hiked several miles in to it, had lunch, & hiked back. Started raining ~14:45 as we walked back to vehicles. Returned to Stn. just before 1600 & broke camp in rain; left ~16:45 & headed for Broken Hill. We had ~60 km of unpaved & very hilly road to go. Reportedly it takes only ½" of rain to make this road impassable. Camped in Broken Hill - dinner in rain ~20:00-21:00. Rain, often hard, all night.

July 22 - Left Broken Hill ~0800. Brief stop in Wilcannia.

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1984

About 10 km W of Colour on coach ran out of gas. We transferred petrol from the other coach & after some difficulty got going again. Lunch in Colour Continued on to Dubbo where we set up at the Police Boy's Club. It rained all day. The previous rain (July 16 & again on July 19 in more limited areas) that produced all the muddy roads was only .17 inches. The last rain before that was in April. According to Dave R. "mallee" refers to a life form of trees which has no single trunk but rather multiple main stems from a single root base. It occurs mostly in southern NSW but a small amount reaches the Colour region.

July 23 - West E out of Dubbo to Ballimore, then to Goolma & on to Gulgong (the town filled on the $10 note). From here to Mudgee & Lithgow. Only a little rain today. Coffee break & group photo in Mudgee. Lunch in Kurrajong Heights. Then on to Richmond, Windsor & Sydney, arriving ~1600. Checked in to Ibis Motel in Randwick. Had dinner at Choi's with Ganslosser's from W. Germany. Did some laundry & re-packing. Mammals seen on the Fowlers Gap trip:

Macropus giganteus - lots in Warrumbungles; few seen from Bourke to Tibooburra.

Megaleia rufa - few seen between Bourke - Tibooburra & more between Tibooburra - Fowlers Gap; also 2 (18, 19) seen on way to also camp on Fowlers Gap.

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Macropus robustus - 13 seen N. of T. boorabbin, 3
on tracking ridge at F.6, + 1 on way to abo camp.
According to Read, E. grey kangaroos have grey eye brows
+ light brown between the legs; W. have chocolate eye
brows + brown between the legs.
feral goats - 2 in Warramboys
feral pigs - sign along river - Warramboys; also
sign E of T. boorabbin
rabbits. Warramboys, Lots of sign. Bourke to F.6:
saw only a few rabbits
sign seen (E. of T. boorabbin) - dingo, fox, feral cat.
Eur. fox - 1 seen running across road between
Wilcannia + Cobar.

Australian Bird List

Dromaiidae:

Dromaius novaehollandiae (emu) - Warramboys + inland
still fairly common; on way back seen as far E. as between Cobar + Dubbo.

Podicipedidae:

Podiceps ruficollis (little grebe) - Dubbo, Blue Mtns.

Pelecanidae:

Pelecanus conspicillatus (Australian pelican) - E coast + S. of n. Mifarinka

Sulidae:

Morus serrator (Australian gannet) - Myall Lks - 2 juv, 1 ad.

Phalacrocoracidae:

Phalacrocorax melanoleucus (little pied cormorant) - Myall L.
P. carbo (black cormorant) - vic. Wanaaring
P. varius (pied cormorant) - Dubbo

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Australian Bird List cont.

Anseriformes:

Anas pacifica (white-necked heron) - E. coast, Myall L., vic. Wanaaring.

A. novaehollandiae (white-faced heron) - Myall Lakes, W. side Blue Mtns

Egretta alba (large egret) - ? fig. white heron seen on July 4 that was likely to be this species.

Plataleidae:

Threskiornis molucca (white ibis) - E. coast, Myall L., Dubbo

T. spinicollis (straw-necked ibis) - Myall Lakes, Dubbo

Anatidae:

Cygnus atratus (black swan) - E. coast, Dubbo

Cereopsis novaehollandiae (Cape barren goose) - 1 seen between W. Plains Zoo in Dubbo, but it may not have been truly wild

Anas superciliosa (black duck) - Myall L., Dubbo, W. side Blue Mtns

A. platyrhynchos (mallard) - several places

Chenonetta jubata (Aust. wood duck) - Myall L. + W. side Blue Mtns

Oxyura australis (blue-billed duck) - Dubbo, 1 pr.

Accipitridae (Pandionidae?):

Milvus migrans (fork-tailed Kite) - after crossing Nyngan (from SE) + common westward

Haliaeetus leucogaster (white-breasted sea eagle) - Myall L. - 2+

Aquila audax (wedge-tailed eagle) - Warrumbungles + inland

Hieraaetus morphnoides (little eagle) - Warrumbungles + Swansea?

Circus assimilis (spotted harrier) - 1 seen? vic Wanaaring + near Packsaddle

C. aeruginosus (swamp harrier) ? - both Wilcannia + Cobar

Falco cenchroides (nankeen kestrel) - Coopers Beach, E. coast, + vic Wanaaring

F. berigora (brown falcon) - Warrumbungles

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Australian Bird List cont.

Turnicidae:

Turnix sp. (button quail) - v 3 fr. between Wanaaring & Tibooburra

Rallidae:

Gallinula tenebrosa (dusky moorhen) - Dubbo

Fulica atra (coot) - Dubbo & elsewhere

Gruidae:

Grus rubicundus (brolga) - near Wanaaring - 1

Charadriidae:

Vanellus miles (masked plover) - Myall L., Dubbo & inland

V. tricolor (banded plover) - E. coast

Laridae:

Larus novaehollandiae (silver gull) - abund.

Sterna fuscata (sooty tern)? - 1 over ocean at Myall L.

S. bergii (crested tern) - Myall L.

Columbidae:

Columba livia (domestic pigeon) - towns

Geopelia humeralis (bar-shouldered dove) - Myall L - 1

Ocyphaps lophotes (crested pigeon) - found Barrington & common inland

Cacatuidae:

Calyptorynchus funereus (yellow-tailed black cockatoo) - Myall L.

Cacatua roseicapilla (galah) - common inland

C. sanguinea (little corella) - Tibooburra to Fowlers Gap

C. leadbeateri (pink cockatoo) - 4 or 5 v/c Wanaaring, Fowlers Gap - 2, Cobar to Dubbo - 2

C. galerita (sulphur-crested cockatoo) - Warrumbungles, W side Blue Mtns.

Loriidae:

Trichoglossus haematodus (rainbow lorikeet) - Myall L.

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Australian Bird List cont.

Polytelitidae:

(Alisterus scapularis - King parrot) - seen several times by others in group on Mygall Lake trip.

Nymphicus hollandicus (cockatiel) - Bourke + westward

Platycercidae:

Melopsittacus undulatus (budgerigar) - Bourke + westward

Platycercus elegans (crimson rosella) - Mygall L to Barrington

P. eximius (eastern rosella) - Mygall L, Barrington, Dubbo

Barnardius barnardi (mallee ringneck) - vic Wanaaring - 1, Fowlers Gap - 2

Psephotus haematorotus (red-rumped parrot) - Bourke

Neophema bourkii (Bourke's parrot) - vic Wanaaring

N. chrysostoma (blue-winged parrot)? - between Warrumbungles & Dubbo

Strigidae:

Ninox novaeseelandiae (boobook owl) - Mygall L. - 1

Podargidae:

Podargus strigoides (tawny frogmouth) - Mygall L. - 1

Alcedinidae:

Dacelo gigas (laughing kookaburra) - com. Mygall L, Warrumbungles, also W. side Blue Mtns.

Halcyon sancta (sacred kingfisher) - Wanaaring + T: Fowlers G. + Tibooburra

Menuridae:

Menura sp. (lyre-bird) - heard only Barrington Tops

Hirundinidae:

Hirundo neoxena (welcome swallow) - common

Cerophis (probably nigricans) (tree or fairy martin) - Blue Mtns

Campephagidae:

Coracina novaehollandiae (black-faced cuckoo-shrike) - Mygall L. + Warrumbungles

Lalage sueurii (white-winged triller) - near Packsaddle - 2 (from coach)

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Australian Bird List cont.

Pycnonotidae:

Pycnonotus jocosus (red-whiskered bulbul) - Sydney

Muscicapidae:

Turdus merula (blackbird) - Sydney, esp. Taronga Zoo

Eopsaltria australis (eastern yellow robin) - Barrington, Warrumbungles + Dubbo

Microeca leucophaea (jacky winter) - Mydell L., Warrumbungles v.c Wambaring ? T. bombana

Oreoica gutturalis (crested bellbird) - heard only, Barrington

Colluricincla harmonica (grey shrike-thrush)? - 1 Warrumbungles

Rhipidura fuliginosa (grey fantail) - Mydell L., Barrington

R. leucophrys (willie wagtail) - common

Pachycephala pectoralis (golden whistler)? - large yellow birds seen in forest along stream in Warrumbungles

Orthonychidae:

Psophodes cristatus (wedgebill) - Tibooburra - 1 pr.

Timaliidae:

Pomatostomus temporalis (grey-crowned babbler) - Dubbo, 1 group ~7

P. ruficeps (chestnut-crowned babbler) - Tibooburra, 1 pr.

Sylviidae:

Cinclorhamphus mathewsi (rufous songlark) - Tibooburra Fowlers Gap

Maluridae:

Malurus cyaneus (superb blue wren) - Barrington Warrumbungles (common)

Stipiturus malachurus (southern emu-wren) - Mydell L. - 1 pr.

Acanthizidae:

Gerygone mouki (brown warbler) - Barrington, Warrumbungles

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Australian Bird List cont.

Garrgoon sp. (fusca?) (white-throated warbler) - an olive colored warbler with a white throat was seen in the Warrumbungles which possibly could have been an immature of this species.

Acanthiza reguloides (buff-rumped thornbill) - Warrumbungles, Dubbo

Climacteridae:

Climacteris sp. (tree creeper) - 1 Warrumbungles (brown colored)

Meliphagidae:

Anthochaera carunculata (red wattlebird) - Mygall L.

A. chrysoptera (little wattlebird) - Mygall L.

Acanthagenys rufogularis (spiny-cheeked honeyeater) - Tibooburra (stuck North Pt.)

Philemon corniculatus (noisy friarbird) - Mygall L, Warrumbungles

Manorina melanocephala (noisy miner) - E. of Barrington

M. flavigula (yellow-rumped miner) - Dubbo, Warrumbungles (com.)

Meliphaga lewinii (Lewin's honeyeater) - Mygall L.

~~Ph.~~ Lichenostomus virescens (singing honeyeater) -

N. of Tibooburra (1 or 2 nests w/ eggs)

L. penicillatus (white-plumed honeyeater), Warrumbungles & vic. Wanaaring

L. melanops (yellow-tufted honeyeater) - Warrumbungles

Phylidonyris nigra (white-cheeked honeyeater) - Mygall L.

Acanthorhynchus tenuirostris (eastern spinebill) - Mygall L.

Melithreptes lunatus (white-naped honeyeater) - Blue Mtns.

Pardalotidae:

Pardalotus punctatus (spotted pardalote) - Warrumbungles

Zosteropidae:

Zosterops lateralis (grey-breasted white-eye) - Warrumbungles.

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Australian Bird List cont.

Passeridae:

Passer domesticus (house sparrow) - towns incl. Broken Hill

Ploceidae:

Emblema temporalis (red-browed finch) - Barrington

Poephila guttata (zebra finch) - Wanaaring & westward

Sturnidae:

Sturnus vulgaris (common starling) - coastal towns

Acridotheres tristis (common myna) - coastal towns

Oriolidae:

Oriolus sagittatus (olive-backed oriole) - Dubbo

Dicruridae:

Dicrurus hottentottus (spangled drongo) - Myall L. - 1

Artamidae:

Artamus cyanopterus (dusky wood swallow) - Myall L.

A. sp. (possibly cinereus - black-faced wood swallow) Wanaaring - 1 vic.

Grallinidae:

Grallina cyanoleuca (magpie lark) - com., migratory

Corcoracidae:

Struthidea cinerea (apostlebird) - Bourke, Fowlers Gap, + Wilcannia

Corcorax melanorhamphos (white-winged chough) -
8± toward Barrington Tops + W. side Blue Mts.

Cracticidae:

Strepera graculina (pied currawong) - Myall L, Barrington, Warrumbungles, W. side Blue Mts.

Cracticus nigrogularis (pied butcher-bird) - Tidbinbilla

Gymnorhina tibicen (Australian magpie) - common; mostly black-backed forms seen.

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Australia – Bird List concluded

Corvidae:

Corvus coronoides (Australian raven) – Mystic
Warrumbungles + inland (NB – C. mellori – Little raven
not distinguished + both species may have been seen)
C. bennetti (Little crow) – Tibooburra to Broken Hill +
Broken Hill to Wilcannia

n = 112

July 24

Got up early + Mike Angus delivered us to the airport.
09:45 flight to Wellington + 1555 flight on Air N.Z. to
Christchurch. Stayed at Bealey Summerhill Motel after
picking up a rented Toyota van.

July 25

Shopped in Christchurch + then drove N leaving ~ 12N.
Had lunch in Kaikoura + then visited the end of the point.
Saw several southern fur seals on rocks off the point
(Arctocephalus townsendi). Spent night at home of
Adrienne + Rex Handley in Blenheim.

July 26

After brief shopping in Blenheim, drove on to Picton
where we found in our van + took the ferry at 1200. Arr.
Wellington ~15:20. We were met by Mike Fitzgerald who
helped us pick up our rented Toyota van + then led us
way to the Ralton motel. Went to home of Kazimierz
Wodzicki for dinner. Then I gave the seminar to joint
meeting of Royal Society of N.Z. (Wellington Branch) and

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the Dept. of Zoology of Victoria University - Wellington. Began talks and had half hour discussion with the Biology Honors class at the University (Ben Bell is faculty member in charge of this group; he works on Liofelma). John Wells (cotyled biology) is Professor of the Biology Dept. Also at dinner were Mary McIntyre - who had invited me on behalf of the Royal Soc. and Kelly Alverson - recent acquisition of Woodpecker who will be starting graduate work at the Univ. of Montana. Others who I met in conjunction with the seminar: Kim King (Royal Soc., works on skinks & helped arrange seminar), Chas. Daugherty (from USA & works on speciation in skinks), Gordon Hewitt (genetics in Zool. Dept), George Gibbs (entomologist & a grad. student with Chas. Birch at Sydney U in 1953-54), Ross Pickard (MS student working on Mus on island), & Elaine Murphy (PhD student working on Mus). Students both work with Bell.

July 27

Drove to Ecology Division, DSIR. Lower Hutt where we joined Mike Fitzgerald, John Gibb & John Flux for trip into the Orongorongo Valley (~1100'). Left our van at the Division & travelled in 3 4-wheel drive vehicles. Drove to Division's field station in Orongorongo Valley, & after lunch walked around various forest types in the area. Toward evening went down to River bed with Dr. Gibb to radio track rabbits & study signs of low density

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[illegible] population thick lines along the edges of the River – then the low brown [illegible]. Very challenging road up the valley to the Station.

July 28

Left field station ~ 09:00. Several miles over Rotorua to Lower Hutt. Picked up our van & continued N. Lunch in Levin & on to Rotorua via Bulls & Taupo. After dark found home of Louise & Ina Boeijen a few km N of Rotorua airport. Half of our party stayed nearby in home of Mrs. M. Saxton. Boeijen's address is P.O. Box 7033, Rotorua.

July 29

Left ~~Rotorua~~ Boeijen's ~ 11:00. Drove briefly around Rotorua & then visited Rainbow Facing Springs which is a few km NW of town. It is a fine reserve & small wildlife & trout research; very well done. Lunch stop at Ngaruawahia. On to Auckland where checked into Aarangi Motel. Dinner at Union Fish Co. on Quay St.

July 30

Shopping in Auckland until ~ 14:45. Rain during night & until early afternoon – sporting local. Lv. Auckland for Sydney at 16:30, arriving 19:40 (NZ time). Left Sydney for San Francisco at 22:05 (NZ time) or 20:05 (Sydney time). After 9 hrs. stopped in Honolulu for ~ 1 hr, & then 5 hrs. more to S.F. Arrived 18:20 PDT. With daylight saving SF is 7 hrs. later than Sydney. Ed Heske met us with Jim Patton's VW van.

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RFS = Rainbow Facing Springs, Rotorua
OV = Orongorongo Valley
KP = Kaitoura Peninsula
ChCh = Christchurch

New Zealand Bird List

Apterygidae:

Apteryx australis (brown kiwi) - 1 seen in captivity in "night house" at RFS

Dromaeidae:

Dromaeus sp. - 1 incident. "wallymark" seen crossing Cook Straight ↑

Procellariidae:

Daption capensis (cape pigeon) - 3 Cook Straight

Sulidae:

Sula serrator (Aust. gannet) - Cook Straight + adjacent bays

Phalacrocoracidae:

Phalacrocorax melanoleucus (little shag) - Kaitoura Pt, vic. Wellington, Lake Taupo ↑

P. sulcirostris (little black shag) - vic Wellington + OV.

Rotorua to Auckland

P. carbo (black shag) - near Auckland - 1

Ardeidae:

Ardea novaehollandiae (white-faced heron) - S. Island, vic. Wellington, Rotorua to Auckland

Egretta alba (white heron) - ChCh to Blenheim

E. sacra (blue-grey heron) - coast nr. KP

Anatidae:

Cygnus olor (mute swan) - between KP + Blenheim

C. atratus (black swan) - Lake Taupo

Tadorna variegata (paradise shelduck) - nr Pt. between KP + ChCh

Anas platyrhynchos (mallard) - ChCh, Wellington to Rotorua, Rotorua to Auckland

(cont.)

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New Zealand Bird List cont.

Anas superciliosa (grey duck) - CLCL, Rotorua to Auckland

Aythya novaeseelandiae (New Zealand scaup) - 1 pr. RFS

Accipitridae:

Circus approximans (harrier) - common

resident large grey hawk with whitish tail - between Levin + Bulls on N. island

Rallidae:

Porphyrio melanotus (pukeko) - gist W of OV - 6± on 2 days + N.I Low Host

Gallirallus australis (weka) - 1 seen in captivity at RFS.

Haematopodidae:

Haematopus finschi (S. Island pied oystercatcher) - KP.

H. unicolor (variable oystercatcher) - KP.

Charadriidae:

Lobibyx novaehollandiae (spur-winged plover) - CLCL to KP, Wellington vic. ↑

Laridae:

Larus dominicanus (southern black-backed gull) - common on coast including Cook Strait, vic Wellington

L. scopulinus (red-billed gull) - common

L. bulleri (black-billed gull) - ~10, Cook Strait

Sterna striata (white-fronted tern) - KP

Columbidae:

Hemiphaga novaeseelandiae (New Zealand pigeon) - OV.

Columba livia (rock pigeon) - citins

Psittacidae:

Nestor notabilis (kea) - 1 in captivity at RFS

Alaudidae:

Alauda arvensis (skylark) - Rotorua, com.

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New Zealand Bird List cont.

Hirundinidae:

Hirundo neoxena (welcome swallow) - Chch to Blenheim

Muscicapidae:

Rhipidura fuliginosa (fantail) - O.V. & vic Wellington

Petroica macrocephala (tomtit) - O.V.

Sylviidae:

Mohoua albicilla (whitehead) - Island only in OV.

Gerygone igata (grey warbler) - Blenheim to Picton,
Lower Hutt to Rotorua, OV.

Turdidae:

Turdus merula (blackbird) - Chch to Blenheim, vic Wellington, Auckland, vic Rotorua, Auckland

T. philomelos (song thrush) - OV.

Prunellidae:

Prunella modularis (hedge sparrow) - OV - 1 pr.

Meliphagidae:

Anthornis melanura (bellbird) - Island only OV.

Prosthemadera novaeseelandiae (tui) - OV. - elsewhere.

Zosteropidae:

Zosterops lateralis (silvereye) - OV. Auckland

Fringillidae:

Chloris chloris (greenfinch) - chch to KP(?), vic Wellington, OV. &

Carduelis carduelis (goldfinch) - Wellington to OV & northward Auckland

Fringilla coelebs (chaffinch) - Wellington to OV, Rotorua to Rotorua

Emberiza citrinella (yellowhammer) - KP(?), vic Wellington,

Ploceidae:

Passer domesticus (house sparrow) - throughout S & N islands

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New Zealand Bird List cont.

Sturnidae:

Sturnus vulgaris (starling) - S. Island, & N. Island - com.

Acridotheres tristis (myna) - Rotorua to Auckland

Cracticidae:

Gymnorhina tibicen (black-backed magpie) - Chch to Blenheim only

G. hypoleuca (white-backed magpie) - common N. & S islands (at least as far N as Hunterville), also Rotorua to Auckland

n = 50

Aust. list = 112 giving 162 - 17 spp in common for combined list of 145

The Toyota van we were driving got 20.1 mi./gal (8.54 km/l.)

W. Z. Lidicker

1985, 1986, 1988, 1989
Catalogue

#3899-3971 Alaska

#3972-4000 California, South Carolina

LIDICKER
1985

Yukon Haul Rd., 4 mi. N. Hess Creek Bridge, 1000 ft.,
22 mi. NW Livengood, Alaska

16 April, 1977 (coll. by J. O. Wolff) prep. 25 May, 1985

3899. ♀ Sorex — larvae, inactive — 4.1 g. — 101-31 — 14.5 — —

Bonanza Creek Experimental Forest, 650 ft., Fairbanks, Alaska

3 Sept. 1976 (coll. by S. D. West) prep. 25 May, 1985

3900. ♀ Sorex — multip., inactive — 3.0 g. — 95-35 — 12 — —
1 uterine enlargement of 2.5 mm, but no embryo present.

3901. ♀ " — 2.8 g. — 86-34 — 12 — —

3902. ♀ " — inactive — 2.8 g. — 88-33 — 12 — —

3903. ♂ " — test. 1 x ½ in. — 3.6 g. — 96-35 — 12 — —

3904 ♂ " — test. 1 x ¼ in. — 3.3 g. — 90-30 — 12 — —

3905. ♂ " — test. 1 x ¼ in. — 3.5 g. — 95-35 — 13.5 — —

Chena Hot Spgs. Rd., 21 mi. E Steese Hwy. Jct., 750 ft., B. J. Delta, Alaska

13 Sept. 1976 (coll. by S. D. West) prep. 25 May 1985

3906 ♂ Sorex — test. 1 x ½ in. — 3.2 g. — 100-38-13.5 — —

3907 ♂ " — test. 1¼ x ¾ in. — 3.7 g. — 100-36-11.5 — —

14 Sept. 1976 (coll. by S. D. West) prep. 25 May 1985

3908. ♂ Sorex — test. 1 x ½ in. — 2.9 g. — 93-33 — 12 — —

3909 ♂ " — test. 1 x ½ in. — 3.3 g. — 99-39 — 13.5 — —

White Mtn. Trail, ½ mi. E Elliot Hwy Jct., 1600 ft., Livengood, Alaska

24 Aug. 1976 (coll. by S. D. West) prep. 25 May 1985

3910. ♀ Sorex — inactive, pregnant? — 5.3 g. — 103-33 — 14.5 — —

3911 ♂ " — 2.8 g. — 96-34-12.5 — —

Goldstream Valley Rd., 4.5 mi. W Steese Hwy. Jct., 800 ft., Fairbanks, Alaska

11 September, 1976 (coll. by S. D. West) prep. 26 May 1985

3912 ♀ Sorex — multip., inactive — 3.1 g. — 95-37 — 12 — —

3913. ♀ " — multip., inactive — 2.6 g. — 93-29 — 12 — —

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1985

Goldstream Valley Rd. 4.5 m. W Steese Hwy. Jct., 800 ft., Fairbanks, Alaska
Sept. 11, 1976 (coll. by S.D. Wrait) prep. 26 May 1985

3914.	♀	Sorex		2.7 g.	88-31-12.5-—
3915	♂	"		2.8 g.	88-36-12.5-—
3916.	♀	"	inactive, pregn.	4.1 g.	93-30-11.5-—
3917	♀	"	nullip., inactive	3.6 g.	93-35-12 -—
3918	♀	"	nullip., inactive	3.6 g.	92-34-12-—
3919	♀	"	nullips, inactive	2.4 g.	89-31-11.5-—
3920	♀	"	nullip., inactive	2.5 g.	90-34-12-—
3921	♂	"	test. 1 x ½ cm.	3.2 g.	93-34-12-—
3922	♀	"	nullip., inactive	2.9 g.	88-35-12-—

Parks Hwy, 4.5 mi. SW Ester, 1000 ft., Fairbanks, Alaska
Sept. 5, 1976 (coll. by S.D. Wrait) prep. 1 June 1985

3923	♀	Sorex	nullip.	3.0 g.	88-32-12-—
3924	♀	"	inactive, nullip.?	2.9 g.	88-31-12-—
3925	♀	"	nullip., inactive	3.4 g.	91-34-12-—
3926	♀	"	nullip.	3.2 g.	99-33-12.5-—

Bonanza Creek Exp. Forest, 650 ft., Fairbanks, Alaska
Sept. 1, 1976 (coll. by S.D. Wrait) prep. 1 June 1985

3927	♀	Sorex	inactive	3.3 g.	90-35-13-—
3928	♀	"	nullips, inactive	3.9 g.	91-35-13-—
3929	♀	"	inactive	3.8 g.	99-37-13-—
3930	♂	"	test. 1 x ½ cm.	4.0 g.	95-33-12.5-—
3931	♀	"	inactive, parous?	3.6 g.	95-36-12.5-—
3932	♂	"	test. 1 x ½ cm.	3.5 g.	95-34-12-—

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1985

Bonanza Creek Exp. Forest, 650 ft. Fairbanks, Alaska

Sept. 3, 1976 (coll. by S.D. Wood.) prep. 1 June, 1985

3933	♀	Sorex	inactive multip	3.7 g.	96-37-12--
3934	♀	"		3.7 g.	95-37-13--
3935	♂	"	test. 1 × ½ cm.	3.3 g.	91-35-12.5--
3936	♂	"	test. 1 × ½ cm.	3.8 g.	90-33-13--
3937	♀	"	inactive	3.8 g.	94-34-13--
3938	♀	"	inactive	3.8 g.	98-36-12.5--
3939	♀	"		3.2 g.	95-35-12.5--
3940	♂	"	test. 5½ × 3½ mm, acc. glands enlarged.	4.4 g.	99-34-12.5--
3941	♂	"	test. 1 × ½ cm.	3.6 g.	96-35-13--

Sept. 5, 1976 (coll. by S.D. Wood) prep. 2 June, 1985

3942	♂	Sorex	test. 1 × ½ cm.	3.6 g.	101-36-12.5--
3943	♀	"	inactive	3.1 g.	98-35-12.5--
3944	♂	"		3.2 g.	91-34-12.5--
3945	♀	"	inactive, multip?	3.4 g.	82+-19+-12--
3946	♂	"		3.6 g.	94-30-12--
3947	♂	"	test. 1 × 1 cm.	6.6 g.	105-32-14.5--
3948	♂	"	test. 1 × ½ cm.	3.2 g.	94-36-12.5--
3949	♀	"	inactive	2.8 g.	91-34-12.5--
3950	♂	"	test. 1 × 1 cm.	3.2 g.	100-34-12--
3951	♂	"	test. 1½ × 1 cm.	6.2 g.	109-34-14.5--

450 ft.

Sept. 13, 1976 (coll. by S.D. Wood) prep. 2 June, 1985

3952	♂	Sorex	test. 1 × ½ cm	3.0 g.	94-36-12.5--
3953	♂	"	test. 1 × ½ cm	2.9 g.	92-33-12.5--
3954	♂	"	test. 1 × ½ cm.	2.9 g.	96-36-12.5--
3955	♂	"	test. 1 × ½ cm.	3.0 g.	96-35-13--

LIDICKER
1985
+
1986

Bonanza Creek Exp. Forest, 450 ft. Fairbanks, Alaska

Sept. 13, 1976 (coll. by S.D. Wirst) prep. 2 June 1985

3956	♂	Sorex	test. 1½ x 1 cm.	2.8 g.	95-37-12.5--
3957	♀	"	multif.	2.8 g.	91-30-12.5--
3958	♂	"	test 1 x ½ cm.	2.8 g	97-38-12.5--
3959	♀	"	inactive nulli. p.	2.9 g	95-37-13--
3960	♂	"	test. 1x½ cm.	3.2 g	100-39-12.5--
3961	♂	"	test 1½ x 1 cm.	2.8 g.	93-35-12.5--

5 ½ Km. W, 4½ km. S Healy, N. Side Alaska Range, Alaska

28-31 May, 1980 (coll by R.A. Mowray), prep 2 June, 1985

3962	♀	Sorex	alc.	6.8 g.	98-34-12-- no ends, lact.
3963	♀	"		8.0 g	105-36-13-- no ends, lact.
3964	♀	"		6.7 g.	94-32-12.5-- test. 3x2 mm
3965	♂	"		6.0 g.	97-35-13-- test. 4x2½ mm.
3966	♂	"		5.6 g.	91-34-12.5--

Russell Reservation, Lafayette, Contra Costa Co., Calif.

12 January 1986

3967	♂	Sorex ornatus	test. 4x3 mm.	5.0 g.	101-33-12-7
3968	♂	Reithrodontomys megalotis	test. 3x2 mm.	8.7 g	151-78-17-12.5
3969	♂	"	test. 3x1½ mm	8.9 g.	132-65-16-12.5

mo. San Pablo Creek, San Pablo, Contra Costa Co., Calif.

29 Jan. coll. by Steve Foreman in salt marsh test. 8x5.5 mm, S.V. 12 mm, 2 testes

3970	♂	Microtus californicus		43.4 g.	171-46-21.5-13

mo. Wildcat Creek, Richmond, Contra Costa Co., Calif.

6 March (prep 30 Mar.) coll. by Steve Foreman in saltmarsh test. 6.5 x 3.5 mm; S.V. 9 mm

3971	♂	Microtus californicus	scrot. testes	26.3 g.	142-33-21-11

LIDICKER
1987
+
1988
+
1989

Kensington, Contra Costa Co., Calif.

June 7

3972 ♂ Rattus rattus 117.6 g. test. 21×11 mm, dese.; SV. 21 mm. 380-199-33-21

Hastings Natural History Res. 1800 ft. Monterey Co., Calif.

Aug. 23 (killed 27 Aug.) coll. by D. Ribble

3973 ♂ Microtus californicus 37.6 g. TND test 4×3 mm.; SV. 1½ mm 175-52-22.5-14.5

Richmond Field Sta., 18 ft., Richmond, Contra Costa Co., Calif.

Aug. 31, 1988

3974 ♂ Microtus californicus 178-49-23-14 37.5 g. test. 3½×2½ mm., not dese., at. not visib., SV. 1 mm

1.6 mi. N, 0.6 mi. E Chilcoot, 5200 ft., Plumas Co., Calif.

Sept. 11 (coll. by Soozi DeMille)

3975. ♀ Difodomys panamintinus 59 g. multif., ov. inactive 285-163-45.5-13

Richmond Field Sta., Richmond, Contra Costa Co., Calif.

March 24, 1989

3976. ♂ Mus musculus 15.2 g. test. 7×4 mm, at. visib., SV. 9 mm 159-71-19.5-13

3977. ♂ " " 15.7 g. test. 7×4 mm, at visib., SV. 10 mm 163-72-19.5-13

3978. ♀ Microtus californicus 47.0 g. imb; P. mod. sep., N. lg., lact.? 7 emb×6 mm 175-47-21.5-15

Savannah River Site (field 3-4-12), Aiken Co., South Carolina

11 Nov.

3979 ♂ Odocoileus virginianus antler, picked up only

Savannah River Site, 9.5 mi. W, 3.5 mi. S Barnwell, Barnwell Co., S.C.

Nov. 14

3980. ♂ Blarina brevicauda carolinensis 6.9 g. test. 2 mm. 96-19-12.5-6

3981 ♀ " " " 8.5 g. no embs., porous 100-21-13-6.5

Ellenton Bay, Savannah River Site, Aiken Co., So. Carolina

Nov 23

Ellenton Bay
Aiken Co.

3982. ♂ Blarina brevicauda carolinensis 8.4 g. test. 2×1 mm. 99-18-13-6

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Ellenton Bay, Savannah River Site, Aiken Co., South Carolina

Nov. 23

3983 ♀ Blarina brevicauda carolinensis — no embs, ov. inactive — 8.4 g — 102-20-13-6.5

3984 ♀ SKULL ONLY .. .. .. — nulip., ov. inactive — 7.1 g — 95-17.5-12.5-6

3985 ♂ SKULL ONLY .. .. .. — test. 1 mm. — 6.9 g — 95-18-12.5-6

3986 ♀ SKULL ONLY .. .. .. — nulip.; ov. inactive — 7.2 g — 96-18-12-6.5

Nov. 24

3987 ♀ .. .. .. — nulip.; ov. inactive — 6.4 g — 94-18.5-12.5-6

3988 ♀ .. .. .. — nulip., ov. inactive — 7.3 g — 100-18.5-13-6.5

Dec. 6

3989 ♀ .. .. .. — no embs, 1+ pl. scars; nipp. visib. ov. inact. — 8.0 g — 96-19-11.5-7

Dec. 7

3990 ♂ .. .. .. — test. 4×2.5, penis enlarged, et. not visib — 7.2 g — 98-18-12-6

3991 ♀ SKULL ONLY .. .. — ov. inact. — no embs, no visib. pl. scars, parous; nipp. visib — 6.6 g — 98-18-12.5-6.5

3992 ♂ SKULL ONLY .. .. — test. 3½×2 mm; et. not visib.; penis enlarged — 6.8 g — 96-17-11.5-6

3993 ♀ Oryzomys palustris — (carried on Dec. 6) imp., P. sl. inf.; Nipp. ?, recent lact. died Dec. 7 — no embs; ov. inact. — 62 g — 274-128-31-16

Savannah River Site, 6.7 km. S, 2.4 km. E Jackson, Aiken Co., S.C.

Dec. 3

3994 ♀ Paromyscus polionotus — coll. by J.O. Wolff — imp. P. funct., nipp. tiny — no embs; parous, ov. act. — 10.8 g — 125-47-17.5-14

3995 ♂ .. .. — coll. by J.O. Wolff (carcass # 5) — test. 7×4.5 mm — S.V. 9 mm. — 12.1 g — 122-45-18-14.5

Ellenton Bay, Savannah River Site, Aiken Co., South Carolina

Dec. 28

3996 ♀ Blarina brevicauda carolinensis — nulip.; ov. inactive — 6.3 g — 93-17-12.5-6

3997 ♀ .. .. .. — no embs; parous, ov. inactive; 2 ls. paras in body cav. — 8.4 g — 107-18-13.5-6.5

3998 ♀ SKULL ONLY Sigmodon hispidus — imp., P. sl. sh., N. mod.-; parous; ov. inact.; 14 pl. scars (2 embryos) — 90 g — 280-110-32-19

3999 ♀ SKULL ONLY .. — tot. dig. pl. 17 — parous, 11 pl. scars (2+ sets); ovs. inact. — imp. P. sl. sh., N. mod.- — 85 g — 202+-31+-32-18

Dec. 30

4000 ♀ Blarina brevicauda — nulip.; ov. inactive — 7.0 g — 101-18-13.5-6

W. Z. Lidicker

1986-1987
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Calif: Alameda, Contra Costa Cos.
New York: Onandaga Co.
Calif: Nevada Co., Sagehen Creek F. S.
Mexico: Yucatan

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1986

Sunol Regional Park, Alameda Co. Calif.

23 March

11:15 - 14:30 Made a survey visit preliminary to a Zoology 107 field trip in early April. Looked particularly for good sites for close observation Calif. ground squirrels. Entered park at Geary Rd. entrance; the Welch Creek Rd. was closed. Lots of ground squirrel burrows in grassland around park headquarters & parking lots, but only a few squirrels seem fearless because there was a lot of people (& dogs) around - it was a hot Sunday. Did find one very active colony across bridge & in SW. corner of Park

Birds seen:

Turkey Vulture
Sharp-shinned Hawk - 1
Red-tailed Hawk
Rock Dove (outside of barn)
Mourning Dove (" ")
Belted Kingfisher - 1
Red-sh. Flicker
Acorn Woodpecker
Nuttall's Woodpecker
Black Phoebe (pr. building nest)
Barn Swallow
Cliff Swallow
Steller's Jay
Scrub Jay
Yellow-billed Magpie
Com. Crow
Ruf.-sh. Chickadee
Com. Bushtit
Red-br. Nuthatch
House Wren
Hermit Thrush
W. Bluebird - 1 pr.
R.-cr Kinglet
Starling
Hutton's Vireo
Warbling Vireo
Orange-cr. Warbler
Yellow-rumped Warbler

(cont.)

LIDICKER
1986

23 March cont.

Red-wing — Golden-cr. Sparrow
Brewer's Blackbird — White-cr. Sparrow
Lesser Goldfinch — Dk.-eyed Junco
Rufous-sided Towhee — Song Sparrow
Brown Towhee — n=37

Took several photographs.

Livermore - Corral Hollow trip

May 6 15:20-2230 (relatively cold & windy)

Encl. 107 field trip. Each one is to list as many species of vertebrates as possible. The list for my group follows. We went several miles down Mines Rd. south of Livermore before entering the Corral Hollow.

Mammals: (n=16)

Sciurus niger

Spermophilus beecheyi

horses, cows, donkeys, pigs, dogs, cats, sheep, + goats

Thomomys bottae

Procyon lotor

Dipodomys heermanni (from owl pellets)

Microtus californicus

Sylvilagus audubonii

Canis latrans (crossing rd. at night)

Fish: unident. (creek along Mines Rd.)

Herps: (n=4)

Sceloporus occidentalis

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May 6 cont.

Hyla regilla - ad. + tads

Rana boylii - 3 on rd, + tads

Scaphiopus - 1 on rd.

Birds: (N = 42)

Starling	House Sparrow
dom. goose	Chicken
Rock Dove	Song Sparrow
Brewers Blackbird	Red-winged Blackbird
Turkey Vulture	Violet-green Swallow
Scrub Jay	Cliff Swallow
Red tailed Hawk	Barn Swallow
Mourning Dove	Kestrel
W. Meadowlark	House Finch
Y. bl. Magpie	N. Oriole
W. Crow	W. Bluebird
Com. Raven	G. & B. Heron
Killdeer	Orange cr. Warbler
Calif. Quail	Mallard - 1 pr. (Mines Rd Ck)

Wood Duck - 1 pr. (Mines Rd. Creek)

Acorn Woodpecker	DK. eyed Junco
mocking bird	Ann. Goldfinch
Brown Towhee	Lark Sparrow
Loggerhead Shrike	Wh. thr. Swift
Rock Wren	Say's Phoebe
Horned Lark	Phainopepla - 1 ♀ (Coord Holiday)

Barn Owl - incl. nest with 3 hatchlings + 2 eggs

Total birds = 63

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1986

Labrador Holler, Onondaga Co., N.Y.

Aug. 13

Afternoon field trip while attending ICE IV in Syracuse NY. Trip led by Maurice Alexander 14:00-16:15

Went to village of Tully by bus, then E on highway 80 to Apulia + 5 on highway 91. The Labrador Holler nature reserve straddles the Onondaga + Cortland county lines. Birds recorded:

Robin
Ruby th. Hummingbird
Belted Kingfisher
Yellow-shafted woodpecker
E. Kingbird
Phoebe ?
Wood Pewee
Swallows, prob. Barn
Blue Jay
Crow
B. C. Chickadee - 25 ±
Wh. br. Nuthatch - 1
House Wren - 1
Yellowthroat - 3+
Baltimore Oriole - 1
Cedar Waxwing - 25 ±
Swamp Sparrow - 1
Philadelphia Vireo - 1
Song Sparrow - 1
Goldfinch - 15 ±

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Sagehen Creek Field Trip with Mammalogy Class

12-14 Sept.

Spent night of 12th at Sagehen & night of 13th at "beaver" campsite N of Chilcoot, Plumas Co. Rodent density at Sagehen seemed lower than usual. One DOR porcupine seen about 1 mi. S of Vinton in Sierra Valley. We also saw one at Sagehen on the 12th and the boulder field 0.8 mi. E of the Station.

Birds of note:

Sagehen Creek area —

McGillivray's Warbler - 1♂ + 1♀

Yellow-rumped Warbler (Audubons) - 1

W. Flycatcher - 1

Red-br. Nuthatch

Calif. Quail

Kingfisher

Mt. Chickadee

Red-tl. Hawk

Golden-cr. Kinglet

Sierra Valley —

BlkH. Magpie

Kestrel - 2

W. Crow

W. Crow

Meadowlark

Starling - 1

Swainson's Hawk - 1

Sparrow - 2+

Red-tl. Hawk - 1

N. of Chilcoot —

Pinyon Jay - 100 ±

Robin

W. Pewee - 1

V.-gr. Swallows

Rock Wren - 1

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1986
+1987

Sagehen trip, cont.

Localities for trapping:

boulder field + vic. E. of Station = 1.3 km. NE Sagehen Creek Field Sta., 6340 ft., Nevada Co.

sandy desert area = 1.6 mi. N, 0.7 mi. E Chilcoot, 5200 ft., Plumas Co.

desert campsite = 1.6 mi. N, 1.4 mi. E Chilcoot, 5400 ft.

Yucatán Trip, Mexico

26 June - 1 July, 1987

Joint meeting of ASM & La Asociación Mexicana de Mastozoología in Cancún, Quintana Roo. Took all day trip to Chichén-Itzá on 27 June & half day to Tulum on 30 June. Had binoculars but no bird field guide, so following identifications were made after return, from memory & some written notes.

unident. Cormorant - probably Olivaceous - 1+

Magnificent Frigatebird - 2

unidentified white egret - probably C. albus - 3+

unident. dabbling duck - 1 (Chichén-Itzá)

Turkey Vulture

Black Vulture

Barred Forest Falcon? - in captivity in Valladolid

large tern (dk bill) - probably Sandwich Tern - 1

Vaux's (yucatan) Swift - Chichén-Itzá

Green Kingfisher - 1 (Xel-Ha)

Blue-crowned Motmot - 10± + 1 indiv of possibly smaller species (Chichén-Itzá)

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Yucatán cont.

Great Kiskadee or Boat-billed Flycatcher – 1 (Tulum)

Myiarchus sp. – prob. Yucatan or Dusky-capped

Cave Swallow – com. Chichén Itzá + elsewhere

Rough-winged (Ridgway's) Swallow (prob.) – Chichén-Itzá

Yucatan Jay – 1

Tropical mockingbird – com. in Cancún

Yellow-billed Cacique – prob. seen + lots of nests

Great-tailed Grackle – com.

Oriole sp. – Tulum (prob. Hooded, could possibly
Yellow-tailed, Altamira, or Orange)

Grosbeak (Yellow-faced or Blue-black) – saw along roadsides

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Costa Rica
Calif: Marin Co., Pt. Reyes N. S.
Calif: Nevada Co., Sagehen Creek F. S.

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Costa Rica 28 Jan. to 8 Feb.

28 Jan - travel to San José, via Miami, arriving late in evening (accomod Hotel Europa)

29 Jan - 31 Jan - SSC meeting Hotel Herradura

1 Feb - 8 Feb - IUCN General Assembly, Hotel Cariari

3 Feb - 5 Feb - took trip to La Selva Biological Sta. near Puerto Viejo. Took OTS car from Office in San José arriving before lunch & returning to San José after lunch on 5th. Lots of heavy rains on 3rd & 4th often torrential; clear on 5th. & on 1 & 2 took boat trip both up & down Rio Puerto Viejo.

La Selva personalidades:

José Arturo Leon - OTS office in S.J. (506) 366696

Ronald Saurez - Subdirector - on job only 2 mo.; spent 25 yrs. in US, including being in the Navy.

Deborah & David Clark - Directors

Bob Marquis - plant ecologist (Piper)

Richard Knapton - tour leader from Toronto; formerly Univ. Saskatchewan

Vaughan Fleagle - (mammal, squirrels) - on Knapton tour

Bill Newell - PhD from Stanford w/ Mowry - light guy.

Alan Pound - Univ Fla grad student; friend of

Pat Foster - Tuely; mostly works at Monteverde.

Ken Mall[redacted]ory - New England Aquarium (Boston) writer & frog photographer.

- Cornell grad student working on

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orchardoles; studied by P. Slevin & S. Emlen

Dick Holmes - leading Dartmouth ug. course in tropical ecology; arrived for lunch on 5th

7 Feb - tour to Volcán Poas arranged by Horizontes Travel Agency through IUCN. Tour guide = Woody Moyes, formerly of Calif. & La Selva in CR for 3+ yrs; studied by Dan Janzen & works mainly on Osa Peninsula.

Also visited farms of Gracia & Sarchí

8 Feb. - travel home, via Miami.

Birds seen in Costa Rica

RPV = Rio Puerto Viejo; LS = La Selva; VP = Volcán Poas

Gt. Blue Heron - Sev. RPV

Snowy Egret - 1 "

Little Blue Heron - 15± RPV

Green Heron - 1 RPV.

Cattle Egret - frequent in pstr.

Black Vulture

Turkey Vulture

Semi-plumbeous Hawk - 1 LS

Spotted Sandpiper - 20± RPV

Ruddy Ground Dove - 1 LS

Blue Ground Dove - 3 "

Olive-backed Quail-dove - 2 pr. LS

parrots, parraquets, & possibly parrotlets seen flying overhead at LS but none could be identified.

Groove-billed Ani - 5+ near LS

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Parrotlet - 2+ LS

Chimney Swift - 20+ LS

Vaux's (?) Swift - 1+ mtns.

Long-tailed Hermit - 4+ LS

Rufous-tailed Hummingbird - 1 LS

Magnificent Hummingbird (formerly Green-crowned Brilliant) - 3 VP in cloud forest.

Ringed Kingfisher - 2+ RPV

Amazon " - 2+ "

Green " - 2 " + LS

Black-chinned Jacamar - 1 LS

White-fronted Nunbird - 1 (Bucconidae) - LS
(chin barring white as well as around & on top of bill)

Keel-billed Toucan - 10+ LS

Collared Aracari (Toucanet) - 1 LS

Ruddy (or non-ruddy Plain-brown) Woodcreeper - 5± LS
(1 flock in assoc. w/ lots of (army ?) ants)

Great Antshrike - 1 LS

Snowy Cotinga - 1 seen flying over RPV

Horn-wattled Bellbird - sev. heard only

Tropical Kingbird - freq.

Social Flycatcher - 1+ LS

Great Kiskadee - 3+ LS

Mangrove Swallow - com. RPV, LS

Barn Swallow (?) - Sev. Central Plateau

Blue & White Swallow - Sev. mtns.

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Rough-winged Swallow - com. LS & RPV

Brown Jay - sev. flocks V.c. San José

unident small worm-like sp. - 1 LS

Catharus sp. - probably Black-billed Nightingale Thrush -
1 VP (close look)

Louisiana Water Thrush - 1 LS

Montezuma Oropendola - 2+ LS

Chestnut-headed " - 1 LS

Yellow-billed Cacique - 1+ LS

Giant Cowbird - 1 heard only LS

Crested-tailed Grackle - com around plateau

Olive-backed Euphonia - 5± LS

Scarlet-rumped Tanager - com LS

Buff-throated Saltator - 2+ LS

Blue-black Grosbeak - 1+ LS

Thick-billed Seedfinch - 3+ LS

n=53 CH common also 9 unidentified birds
also seen

Other notables seen at La Selva:

Tamandua - 1 watched feeding in a fallen tree

Nasua - 1 ad ♂ foraging near "old lab"

agouti - 1

unidentified squirrel - 1

bats at night

Amazon - com

Anolis - small brown sp. on forest floor - com

Arrow-poison Frog, *Dendrobates pumilio,* Costa Rica

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Iguana - sev.

crocodilian (3-4 ft. long) - bank & RPV

2 species identified from my description by H. Greene

Chironius grandisquamus - ~4 ft. long, head from side & back & quickly crossed over; black & red, thick.

Rhadinaea sp. - ~10" long, ranges & Alain Pound, looks like a Diadophis; sometimes head head & neck (which was quite slender) like a cobra.

turtles - ± RPV

frogs - forest floor - look like brown rain d

tree frog (2) - around outdoor sink & dorms -

pale brown (photos taken by Ken Mallory)

Dendrobates - red w/ slender blue-black legs - 2

seen ± debris and brown trees

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Point Reyes National Seashore, Marin Co. Calif.

20-21 Aug.

W.R. S. Gallemi, visited Pt. o Drakes Beach on 20 Aug. & Limantour Beach on 21 Aug.

Birds seen:

Horned Lark - 2

Red Shr. Lark - 5+

Brown Pelican - 15±

Brandt's Cormorant - ~

Virginia Rail - 1+

Coot - 1 min.

Pigeon Guillemot - 1

Cassin's Auk - 70±

Elegant (formerly Royal) Tern - 10±

Forster's Tern - 1+

Western Gull - ~

Ring-billed Gull - ~

Herring Gull - 1

mainly black-backed gull - 1

Northern Phalarope - 1

Sanderling - 35±

Western Sandpiper ~

Least Sandpiper ~

Ruddy Turnstone - 1

Semipalmated Plover - 10±

Black-bellied Plover - 3

Marbled Godwit - 12±

Dowitcher - 10±

Willet - ~

Mallard - 6+

Pintail - 6+

Gadwall - 4+

Surf Scoter - 30±

Black Scoter (?) - 3-10

Great Blue Heron - 10+

Black or Night Heron - 1 im

Great Egret ~

Snowy Egret - 10±

Turkey Vulture ~

Red-tailed Hawk - 4+

Red-shouldered Hawk - 1

Kestrel - 1

Calif. Quail - 35±

Band-tailed Pigeon - 1

Rock Dove ~

Mourning Dove ~

Flicker - 1

Acorn Woodpecker - 1

Barn Swallow ~

Scrub Jay ~

(cont.)

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Pt. Reyes cont.

Com. Loon - 2	Brew. Gold finch - 1
Com. Raven - 1	Brown Towhee
Wilson - Ph - 3	Savannah Sparrow - 1+
Starling	Oregon Juncos
Yellow-throat - 5+	White crowned Sparrow
Red wing	Song Sparrow
Brewer's Blackbird	~~~ 58

Sagehen Creek Field Trip - Mammalogy Class

9-11 Sept.

Sept. 9 - Overnight at Sagehen Station. In addition to Lodging class used Live traps, 2 used 7 Tomahawk live traps for Neotoma cinerea in the "rock pile" E. of the Station, & 2 gopher sets & 10 mus. Spoils set for water shrews along the creek. We took a pair of beaver in the creek there to dusk. They were feeding on willows & were very carried into the forest primarily for storage

Sept. 10 Caught 1 Peromyscus maniculatus & trap along creek & 1 gopher. Two N. cinerea were caught (1 ♂ 1 ♀) & then were ear tagged by Pat Kelly. In afternoon went to Sierra Valley N of Chilcoot for trapping in the desert.

Sept. 11 Spent about 2 hours containing a small forest fire started by 1 of the students burning trash at the station. Did not get back to Sagehen until noon.

W. Z. Lidicker

1989
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Calif: Alameda, Monterey, Contra Costa Cos.
Alaska
Italy
Calif: Imperial Co.
Texas, Louisiana, Mississippi
England
South Carolina

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Aquatic Park (S. end only), Berkeley, CA.

Jan. 29 (~16:30-17:30)

Short trip w/ L. DeLongor. Birds seen:

Pied bl. Grebe - 2
Great Egret - 1
Snowy Egret - 4
Mallard - 15±
Pintail - 8+
Bufflehead - 4
Ruddy - 15±
Lesser Scaup - 6+
Goldeneye - 2♂, 2♀ (in retrospect these may have been Barrow's; but at the time, insignificant attention was paid).
Bufflehead - 12±
Surf Scoter - 1♀
Ruddy Duck - 30±
Ring billed Gull - 20+
Rock Dove - Sev.
Belted Kingfisher - 1
House Finch - 2+
Dk. eyed Junco - 1+
Cooper's Hawk - 1
Am. Coot - 10±
Killdeer - 2
Willet - 1
Least Sandpiper - 10±
Dunlin - 20±
Dowitcher - 15±
W. Sandpiper - 50±
Am. Avocet - 15±
B-n Stilt - 2
Glaucous-winged Gull - 2
Com. Crow - 1
Robin - 1+
Red-wing - 5+
Brown Towhee - 2+
Song Sparrow - 1+

n = 33

Rio del Mar Beach, Monterey Bay, Calif.

Feb. 4 15:50-17:35 w/ L.D.

W. Grebe - 1
Red thr. Loon - 1
D. c. Cormorant - 2+
Brandt's Com. - 10+
Western Gull - many
Herring Gull - 3+

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1985

4 Feb. cont.

Glaucous-winged Gull - 30±
Ring-b. Gull - 200+
California Gull - 1
Mew Gull - 20±
Heerman's Gull - 5?
Sur/ Scoter - 10±
Marbled Godwit - 150±
Willet - 50±
Sanderling - 20±
Blk-bellied Plover - 1
Brewer's Blkbird - 20+
Mourning Dove - 2
Rock Dove - 30±
Scaup sp. - 1
Mallard - 3
Acorn Woodpecker - 1+ (mouth Tryon)

Also seen: sea otter - 1 feeding on Mytilus taken from pilings; carried same rock during observation period.

Harbor Seals - 4 ; Sea Lion - 1?

Aquatic Park (S. end only), Berkeley CA.

Feb. 12 11:00 - 12:20 (W) LD)

Pied-bl. Grebe - 5+
Blk. cr. N+. Heron - 25± (1 juv.)
Mallard - 6+
Redhead - 30+
Lesser Scaup - 25?±
Com. Goldeneye - 10±
Bufflehead - 15±
Surf Scoter - 12+ (included 2 ♂♂ displaying for class ± ~ 5 P. A Hood)
Ruddy Duck - 45±
Red-tl. Hawk - 2
Amer. Coot - 30±
Killdeer - 2
Blk. nk. Stilt - 1
Glaucous-winged Gull - 1
Herring Gull - 1
Wood. Gull - 1+
Ring-bl. Gull - 20±
Mourning Dove - 4
Anna's Hummingbird - 2 ♂
Song-tit - 15+
Yellow-rumped Warbler - 20+
House Sparrow - 2 ; House Finch - 10±
Brown Towhee - 2,
Wh. cr. Sparrow - 10±, Dk-eyed Junco - 5+; Song Sparrow - 5±
Kingfisher - 1 seen ~ hr. later

n = 28

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Pt. Isabel to Richmond Field Station, Contra Costa Co., Calif.

March 19

16:00 - 17:30 with Louise DeLongor

W. Grebe - 1
D. cr. Cormorant - 1 +
Great Egret - 1 +
Snowy Egret - 1 +
Lesser Scaup - 50 ±
Canvasback - 5
Mallard - 30 ± (mostly paired)
Golden-eye - 1 pr.
Bufflehead - 2 ♂
Goldeneye - 1 long bird on RR tracks
Canada Goose - 14
Baldpate - 15
Ruddy Duck - 30 ±
Coot - 30 ±
Western Gull - many
Ring-billed Gull - many.
Glaucous-winged Gulls - 20 ±
Thayer's Gull ? - 1 (2nd yr.)
Avocet - 1
Willet - 50 ±
W. Sandpiper - 50 ±
Least Sandpiper - 10 +
Gt. Yellowlegs - 1
Lesser Yellowlegs - 1
Dowitcher - 15 +
Blk-bellied Plover - 10 ±
Sh. H. Owl - 1 heard
Com. Crow - 5 ±
Barn Swallow - 3
Mourning Dove - 10 ±
Red Dove - sev.
Brown Towhee - 1+
White-cr. Sparrow - 2+
Song Sparrow 5+
Brewer, Blackbirds - 20 ±
Yellow-rumped Warbler - 1

Richmond Field Station, Contra Costa Co. Calif

March 23

15:45 - 17:20 Sat on 70 Longmarks flying in around salt marsh, with foggy Conditions (+ Rain), & Bunga Beach. Overcast, windy.

Inner mark, around island found W. sitting:

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RFS cont.

digging into base of pampas grass - 5

Saliconia marsh (tidally flooded) - 20

Dysdicrilis - Grindelia, E. side of island - 5

Dysdicrilis, Baccharis edge - center of island - 5

Middle marsh, small promontory just W. of RR trench:

Salicornia - Distichlis, edge - 10

Salicornia - 5

Inner marsh, E boundary:

Small promontory - 5

edge of tidal marsh just N of promontory - 7

Salicornia around bluff on edge of marsh - 8

Beach: oatmeal plus fine to bitter.

A few noteworthy birds seen:

Caspian Tern - 3

Blk-sk. Knight - 1 Black Phoebe - 1

March 24

08:30 - 10:20 Picked up traps w/ Joyce. Continuous rain during night & also rain showers while in marsh.

Catch:

Inner marsh, mainland:

Mus musculus - 2 dead in traps - Salicornia

Pampas grass - 1 ♂ 14 g. ad.

Grindelia - Dyst. - 1 ♀ 17 g. heavily pregnant

Middle marsh:

Mus musculus - 1 ♂ 17.5 g. Sal.-Grin., Dyst. - test. descended

1 ♂ 18.5 g. " "

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Microtus californicus - 1 ♀ (dead in trap)

Inverness, E edge -

Mus musculus - 1 ♀ 16.5 g. pregn. (Salicornia)

1? escaped from dead in plastic bag.

1 ♂ 15.5 g. testd. desc. (Sal.-Grass)

total: Mus - 9

Microtus - 1

Microtus sign was moderately abundant around edges of marsh but we did not set traps to catch them.

Noteworthy birds: Canada Geese - 2 (over edge of middle marsh)

Emeryville Crescent Alameda Co., Calif.

April 1 4:00 - 5:30 p.m.

Overcast & raining; with Louise D. Birds seen:

Pacific Loon - 1 (Lobdell will upturned bill shape & head + color pattern like Pacific L.)

Horned Grebe - 3 (2 in breeding plumage)

Wood. Greb. - 4

D.c. Cormorant - 2+

Gt. Scaup - 30+

Lesser Scaup - 5+

Com. Goldeneye - 3 ♀

Bufflehead - 2

Surf Scoter - 8±

Ruddy Duck - 6+

Coot - 12±

Killdeer - 1

Blk-bel. Plover - 2+

Willet - 15±

Marbled Godwit - 10±

Avocet - 300± (almost all in breeding plumage)

Least Sand. - 20±

R. b. Sand. - 20±

Caspian Tern - 4

Mourning Dove - 3

Starling - 2+

(cont.)

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1989

April 1 cont.

Brewer's Blackbird - 5+ — Brown Towhee - 1

House Finch - 10± — Wh. cr. Sparrow - 1 (not recorded)

Song Sparrow - 2 — n = 26

Coyote Hills Pk. & S.F. Bay Nat. Wildlife Refuge, Alameda Co. CA.

April 8 + 9

Birding ISO field trip on 8 & 9 with practice trip on 8th.

TA's: Francis Villablanca & Warren Hayes, Louise D. went with me on 8th. The focus of the Wildlife Refuge visitor was that around the HQ since S. of the Dumbarton Bridge approach. Weather: sunny & very hot!

April 8 - Left Emeryville 08:40 & returned to Berkeley 16:35.

April 9 - Left Berkeley ~ 08:45 & " " " 17:45

Birds recorded:	April 8	April 9
Eared Grebe	300±	200±
Pied bl. Grebe	10±	6±
Gt. Blue Heron	1	
Green Heron	1	
Com. Egret	15±	6±
Snowy Egret	1	
Blk cr. Nt. Heron	1	
Amer. Bittern (F.V. heard)	1	
Canada Goose	2	2
Mallard	40±	40±
Gadwall	20±	20±
Pintail	2	2
Green-winged Teal	4	

(cont.)

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1989

April 8-9 cont.	April 8	April 9
Blue-winged Teal	4	2
Cinnamon Teal	40±	50±
Amer. Wigeon	25±	6±
Shoveler	15±	20±
Canvasback	2 dr.	4 dr.
Ruddy Duck	50±	60±
Forster's Tern	12+	3
Elegant Tern	1	
Red Throated Loon	flying	flying
Common Loon	flying	flying
Gt. H. Owl	2	2
Red tl. Hawk	1	2
Harrier	8±	4+
Kestrel	1	
Ring-n. Pheasant	3	8+
Snow (heard)	1	
Com. Gallinule	1+1? heard	
Amer. Coot	30± + 2 chicks	20±
Killdeer	2+	1
Snowy Plover		2
Common Snipe	7	2
Willet	50±	50±
Gt. Yellowlegs	12±	30±
Lesser Yellowlegs		10+
Least Sandpiper	50±	100±
Wash. Sandpiper	20±	50±
unidentified peeps	500±	1500±

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April 8-9 cont.	Apr. 8	Apr. 9
Marsh Hawk	1	
Downy Woodpecker (1 drilled & single call note)		8
Am. Avocet	500+	25+
Black-n. Stilt	8+	5
West. Gull	1	
Ring-b. Gull		1
Bonaparte's Gull	1	200+
Marsh Wren	30+	15+
Water Pipit	1	2
Plain Titmouse (seen & collected only)		1
Starling	20+	20+
Anna's Hummingbird	5+	1+
Allen's "	3+	
Black Phoebe	3+	2
Tree Swallow	8+	
Barn Swallow	200+	100+
Cliff Swallow	100+	100+
Scrub Jay	1	
Com. Crow	2+1 on fence	2 fence
Bush-tit	1+	1
Bewick's Wren	1+	1 heard
Yellowthroat	20+	10+
Wilson's Warbler (heard only)	1	
W. meadowlark	1	
Red-w. Blackbird	50+	60+
(seemed to severely scarcity of 88 + additions of marsh birds)		
Bullock's Oriole	1	

(cont.)

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1989

Objid 8-9 cont.	Obj. 8	Obj. 9
Brewer's Blackbird	30±	30±
Br.-hd. Cowbird	3	1
Black-hd. Grosbeak	1	
Lazuli Bunting (heard)	~~1~~ 1+	
House Finch	25±	30±
Amer. Goldfinch		4
Rufous-sd. Towhee	1	
Brown Towhee	1	3
Savannah Sparrow	20±	15±
Song Sparrow	30±	35±
Lincoln Sparrow	1	
Dk.-eyed Junco	5+	5
Wh.-cr. Sparrow	15±	6±
Golden-cr. Sparrow	10±	8±
n=	73	59

cont'd = 79

Mammals: Blk-tl. Jackrabbit - dropping

Sorex ornatus - 1 found dead on path by main road

Scirurus niger - 1 Pine grove Coyote Hill

Sporophila beecheyi - com.

deer - trail & 1 ♀ seen on 9th

feral cat - 1 slinking through southern marsh

fox scats

weasel ? - 1 scat

Thomomys bottae

raccoon - 1 seen by W. Hays on 8th

Hops: - Hollyhock

Scabiosa

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1989

Alameda Beach, Alameda Co. Calif.
April 22

Brown Pelican - 15 ±
D. cr. Cormorant - 2
G. H. Heron - 1
Snowy Egret - 3
Mallard - 10 ±
Pintail - 1 pr.
Harrier - 1 ♀
Amer. Coot - 15 ±
Killdeer - 1
Blk bel. Plover
Long billed Curlew - 2
Whimbrel - 3
Willet - 2
Knot - 3
Dunlin - 30 ±
Sl. bill Dowitcher - 50 ±
Marbled Godwit - 200 ±
Avocet - 2
Western Gull - 5 ±
Ring bl. Gull - 20 ±
Glaucous-winged Gull - 1 +
Forster's Tern - 100 ±
Caspian Tern - 5
Rock Dove - 2
Mourning Dove - 20 ±
Barn Swallow - 10 ±
Starling - 40 ±
House Sparrow - 8 ±
Brewers Blackbird - 1
House Finch - 20 ± Song Sparrow - 10 ±
n = 31

Aquatic Park, S. end - April 22
Berkeley, Alameda Co., Calif.

Pied bl. Grebe - 1
Great Egret - 1
Blk-crowned Night Heron - 4
Mallard - 20 ±
Scaup (prob. Lesser) - 3
Ruddy Duck - 1 pr.
Amer. Coot - 10 ±
Killdeer - 2
Greater Yellowlegs - 1
Caspian Tern - 1
Mourning Dove - 10 +
Common Crow - 2
Bush-tit - 6 +
Robin - 4 ±, Starling - 2
Red-wing Blackbird - 1 ♂
Brewers Blackbird - 2
House Finch - 20 ±
Brown Towhee - 2
White-cr. Sparrow - 2 +, Song Sparrow - 8 ±
n = 21 n for day = 43

LIDICKER

1989

Alaska Trip - ASM meeting

9-19 June with Louisa

June 9 Left 3:20 pm for Seattle, Anchorage, + to Fairbanks. Arr. ~ 11:40 pm.

June 10 - 15 - ASM meetings including boat trip on China + Tanana rivers on #13 bus.

Also 3-5 pm + June 15 walked from campus downtown to Sushi Lodge + vicinity. June 11 - down to Borough Clk. Off Fairbanks w/ Sheila Byrne.

June 16 - 18 - N. Slope trip. Left Fairbanks in two vans about 0800. Group = 18

Brian Lawhead - leader

Gordon Jarrell - co-leader + driver of one van

Don, Glennis, + Dawn Kaufman

Kim Crowell, Joel Berger,

Barbara Harvey + Eric .....

Al + son Chris Lacking, Emily Oaks

Bruce Heywood (Silver City, NM)

Alicia Lindzey + Lockard Nicol (Chemistry Dept. at Indiana U, Pa.)

Arlen Doyle

Drove N to Livengood, had lunch in grocery + gas stop + then on to Hot Rd. Stopped briefly at Hess Ck. (m 230) study area (km 28). Had dinner + spent night at Cold Foot (~ km. 175). Took several photos of study area at Hess Ck. New growth beaver sprouts were ~ 1 ft. tall. Aspen + birch were up to 15 ft. tall, also on older. There was old Microtus + Lagurus sign, still apparent, but only 1 runway actually could have been fresh. Lagurus runs also noted. Late afternoon

border of N. Slope Borough + last spruce tree at about km 237.

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1989

N. Slope cont.

was rainy. After dinner (9:30 - 11:30 pm), Lon & I worked S on road + back. It was cold

June 17 - Continued N [illegible] (1:30 - 2:30) when there is avoidance (Chandalar Maintenance Rd.) ~ km 239 on Chandalar R. [illegible] Crossed Atigun Pass (4752 ft.), & continued N to Toolik Lake. Started raining w/heavy fog + sleet when approaching + continuing with raining. Had dinner at Toolik L.; talked to Brian Barnes, Jim Kennedy, + Gail Michener. Very cold, windy, + sleety: "worst weather for middle of June in over 5 yrs." Continued N to camp site: Slope Mtn. Camp site at km 305.5, ~ 1500 ft. elev., + on Sagavanirktok River. Group was arranged in 2 person tents ~ ½ mi. off haul rd. to E. Took long walk in thunder + cold, wind, + rain. Saw 5 Hoary Marmots in Dwarf (2♂, 3♀) on river. Started snowing before went to bed. In morning, got up ~ 06:30 + was ½ in. of snow covering everything. Then it was clear enough to see Brooks Range to the S and Slope Mtn. to WSW.

June 18 - Returned S to km 301 + off rd. to Slope Mtn where we had good look at Dall sheep + searched in vain for Marmota broweri. West further S (km 290) where we saw 2 wolves. We scanned them off + a caribou carcass. At 10:20 am headed N again: Pump Sta. #3 & ck km 312. Cold but mostly clear day. Lunch: Happy Valley (km. 334.5), recent settlement from pipeline construction w/ airstrip.

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1989

N. slope tip cont.

At km. 352 went off road to W + climbed hill where there is a weather station. Spent 1 hr. + looking for Bluethroats + willow thrush on N slope of hill. Brian saw 2 but no-one else did. At km. 362 there was extensive stretches of tundra dominated by Dupontia. Dead Horse is at km 413. Cont. on to Prudhoe Bay. Spent ½ hr. waiting at guard station to get into Petroleum Co. property. We had written permission ahead of time but they still kept us waiting. Finally drove in + got to shore of Prudhoe Bay (Harbor) + on ready to camp by creek leading to oil field + flowing out into the Arctic Ocean. At this point security patrol stopped us + recorded us as one of Oil Co. property. We had earlier checked in at entrance. Now we had dinner + then caught flight to Fairbanks ~ 9:30 p.m. Left Fairbanks 11:35 + flew to Anchorage. Layover for Denali at ~ 12:10 overnight.

June 19 - Ar. Seattle ~ 05:15; left Seattle for Oakland 07:00. Ar. Oakland ~ 09:10 + took taxi home.

Birds seen: Rare sylvatica - heard Fairbanks + saw photo to N on 16 June.

Mammals:

Moose - Barrow - (K. area (S. of Fairbanks) - 11 June - 1
16 June - km. 170+ 2 ad. + 1 calf
- km 174 (Nr. Coldfoot) - 1 ad ♀ - took photo
- km 187 tracks + scat
17 June - km 228.5 (Dietrich R.) - 1

L Dickson
1985

Alaska trip. - mammals cont.

Moose cont. - km 316 (18 June) - 2
km. 321 (") - 1 ♀ + calf total=10

Red Squirrel - many seen and Fairbanks

Arctic ground squirrel - First one seen at km. 208
+ seen frequently thereafter; common on N. Slope.
Burrows noted at Atigun Pass. At km. 344, one
was seen feeding + burst back ∠ the road.

Muskox - 1 seen + photographed among hillocks along
Atigun River (km. 255)

Grizzly bear - ♀ + cub seen near Dietrich River
(km. ~223) + tracks seen on N Slope Mon. (km. 301)

Canids: 1 unidentified canid skel. at Atigun Pass (~km 245),
+ on N. slope found a fair along with road ~ 6 fox
skeletons & 1 Lynx.

Wolf - 2 at km. 298 feeding on caribou carcass
(18 June AM); good very good looks.

Red fox - km. 313 1 followed car along road for 1+ km and
had mouth full of 6-8 inch grass which it periodically
kept ~~the~~ on ground + mouthed. At one point it stood
to side & additional individual

Arctic fox - 1 (incl. photo) at km 375 + 2 in
vicinity of Prudhoe Bay.

microtines: Hess Ck study area: M. xanthognathus old sign
Atigun Pass - burrows + runways
Toolik Lake - lots of sign
Happy Valley (km 334.5) - 2 Microtus pennsylvanicus seen along
+ sign well up brush near river

Lidicker 1989

Alaska hij. cont. - mammals cont.

Km. 348 - 1 Microtus oeconomus, longtail : thumbs

Pushaw Bay - near Dicrostonyx sp.

Dall Sheep:

Km. 187+ - ~5

218.5 - 20+

District R. (~ km 223) - 2

Antigun Pass - 8 + skeletons + droppings + group of 7

Slope Mtn - 40 total = 82

Caribou:

~~Km 17~~
Km. 257 - 3 km 269 - 5

~~Km 18~~ Some seen by other wood or camp along

Sagavanirktok River (km 301.5).

307.5 - 8 (incl 2 ♂)

313 - 8

316 - ~20, 14 (incl. 7 bulls)

319 - 3, 3, 4

321 - 10, 12, 15, 6, 4

328 - 5

332 - 3, 6

339 - 4, 12, 12, 11

343, 13, 4, 3, 7, 4, 11, 3, 3

345 7, 9, 2

348 - 11, 5

~350 - 7, 13

355.5 - 3, 1, 6, 1, 2, 5, 6

362 - 2, 7, 2, 3, 5

369 - 2, 2, 12, 2

375 - 2

378.5 - 2, 18, 2

381 - 12, 3, 3

387 - 1

396 - 2, 4

397.5 - 1

Pushaw Bay - ~14. 2, 2

Total of 65 groups seen + 385 individuals, for $\bar{x}$ group size of 5.9.

Snowshoe hare: Saw several along Rd. S. of Brooks Range, & running noted at Happy Ck. field wk.

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1985

Alaska Hwy. cont.

Beaver - 1 [illegible] on Chena River S. f

Fairbanks during Alcan travel diy.

Birds: (not complete)

Red thr. Loon - 1+ N. Slope (km. ~269)

Pacific Loon - 2 fr. Prudhoe Bay, 1? km. 269

Common Loon ? - 1 Prudhoe Bay

Horned Grebe - ~8 fr. Smith Lake, incl. 2 nests w/ eggs, km 315 - 1, km 324 - 1

Red-necked Grebe - 1 fr. Smith Lake, Fairbanks

Whistling Swan - 1 Prudhoe Bay

White-fronted Goose - 7 (km 315), ~5 unident. geese Sag R. camp, 3 - km 391

Snow Goose - 12 Prudhoe Bay

Brant - 2? (km 402), 20± Prudhoe Bay

Canada Goose (Lesser?) - 8+ (km. 170+, joins S. Cold Foot+) Cold Foot, 7 (km 324), 3 - Dead Horse, 10± Prudhoe Bay

Green-winged Teal - 1 fr (sm lake N. pump sta. 5)

Mallard - Fairbanks area

Pintail - 8 (sm. lake N. pump sta #5), 1 (km. 315); 3 (km 391), Fairbanks area km. 413-1+, 20± (Prudhoe Bay)

Shoveler - 5 (nr. pump sta #5)

Amer. Wigeon - Smith Lake - nr.

Gt. Scaup & unident. scaup - 1 (nr. pump sta #5), unident scaup - 25± (km. 315)

Lesser Scaup - 1 fr. joins N. Toolik Lake, pump sta #5 - (sm. lake to N. 1 3 (km 324); 6 (km 367)

Com. Eider - 2 Prudhoe Bay

King Eider - 1 " " circular dish

* Harlequin Duck - 2♂, 3♀ Sag. R. camp

Oldsquaw - 1 joint N Toolik Lake; Prudhoe Bay - 20±

Surf Scoter - 1 ♀ (~ km. 165)

Goldeneye unident. - 1 Chena River

Bufflehead - 1 fr. Smith Lake

Red br. Merganser - 1 Toolik Lake

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1989

Alaska Hy. cont. - birds

N. Goshawk - 1 (betw. Fox & Livengood)

Red-tl. Hawk - occ. seen Fairbanks & to N 20 mi. N

Golden Eagle - 1 (km. 236), ~~2 (Toolik Lake)~~, Sheenjek R. - 2, ~~km 298~~

Amer. Kestrel - 1 Banner Ck.

Gyrfalcon - 1 immat at km. ~~324~~ 324 + 1 at km ~298
km. 413

Willow Ptarmigan - dwelling km. 187, km. 239, km 343, km 378.5

* Rock Ptarmigan - km 293 - 1, km. 352 - 5, 20± Prudhoe Bay
km. 352 - 6 +, km 362 - 1

Lesser Golden Plover - 2 (Toolik Lake), km 298 - 2, km 309.5 - ~~2~~ 1,

Lesser Yellowlegs - Smith Lake - 2+, Cold Foot - occ.

Solitary Sandpiper - Smith Lake - 1, S. of Fox - 1

Spotted Sandpiper - Smith Lake & Chena River

Upland Sandpiper - 1 (km. 200), 1? (km. 218.5)

Pectoral Sandpiper - 1 Prudhoe Bay

Com. Snipe - 2 (mist S. of Fox)

N. (= Red-necked) Phalarope - 1 ♂ Smith Lake km ~269; camp: 1 km 324; 1 ♀ km 365±
~~1 at Sag. R~~ km. 387, Prudhoe Bay - 1+
imm. and displaying: 2 (km 315); 20± Prudhoe Bay

Red Phalarope - 3+ Prudhoe Bay

Pomarine Jaeger - km 400 - 2, km. 402 - 1, Prudhoe Bay - 2+

Parasitic Jaeger - km. 378.5 - 1
km. 352 - 3, km. 402 - 2, km 406 - 1

Long-tailed Jaeger - km ~257, 2 km ~305 (- km 316, 1 - km 374.5
ind. 15± at Prudhoe Bay Wimbrels)

unident. jaegers (often seen from moving vehicle w/ inadequate views)

Bonaparte's Gull - nesting at Smith Lake, Fairbanks (2-3 prs.)

Mew Gull - Fairbanks area, Cold Foot - 3+, km. 218.5

Herring Gull - com. around Fairbanks
also seen around Fairbanks. this one had light gray mantle & gray wing tips.

Glaucous-winged Gull (N hybrid) - 1 km 269 w/ Glaucous Gull, km 352 - 3, Prudhoe Bay - 30±

Glaucous Gull - 1+ km. 269, Sag. R. camp, km. 320, occ. km. 348

* Sabine's Gull - 1 Prudhoe Bay

Arctic Tern - 1 Toolik Lake & km. 413

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1989

Alaskan trip cont. - birds

Swainson's Hawk - 1 (km 412), 25+ Prospect Bay

Short-eared Owl - 1 km. 397.5

Alder Flycatcher - com. from just S. of Fox to Brooks R. ("way-back-o" call)

Tree Swallow - Chena River, esp. km. 315

Violet-green Swallow - Fairbanks to Brooks R.

unid. brown-backed swallow - 1+ Chena River

Cliff Swallow - com Fairbanks to Brooks Range & also seen on N. slope

Gray Jay - esp. Bonanza Ck.

Com. Raven - com Fairbanks to Brooks R., also N. slope & Sag. R. camp; km. 367, km. 388

* Arctic Warbler - 3+ (km. 239)

Ruby-cr. Kinglet - heard only, vic. Fairbanks

N. Wheatear - Atigun Pass

Gray-cheeked Thrush - km. 159+, Cold Foot+

Swainson's Thrush - com. Fairbanks to Brooks R.

Amer. Robin - Fairbanks to Brooks R. + on N. slope at Sheep Mtn - 1 and 5+ at km 316, 1 at km 320; 2 at km 352

Yellow Wagtail - esp. Sag. R. camp & then seen frequently across N. slope

Water Pipit - 2 + nest w/ 6 eggs - Atigun Pass

Bohemian Waxwing - Smith Lake - 10±, Cold Foot - esp.

Orange-cr. Warbler ? - heard only vic. Fairbanks

Yellow Warbler - Fairbanks to Brooks R.

Yellow-rumped Warbler - km. 187, Fairbanks area

unid. warbler - heavy song unlike w/ 2 clear notes - com around Smith Lake area
1 heard w/ 4 eggs in moss at base of small willow.

Amer. Tree Sparrow - Cold Foot, km 239 - com.; km 334.5 - 6 ± included km. 352 - 5+

Clay-col. Sparrow - Fairbanks

Fox Sparrow - km. 239

Lincoln's Sparrow - Bonanza Ck. - 1+

White-crowned Sparrow - com. Fairbanks to Brooks Range (at least to km 239; also N. slope - Sag. R. camp, km 334.5)

L Dickson
1989

Alameda Co. - birds

Golden-w. Warbler - 1 heard only Coldfoot area

Dk-eyed Junco - com. Fairbanks to Brooks Range (to at least mi. 218.5)

1 (km 316), 1+ (km 352), 1+ (km 375), 1+ (km 402)

Lapland Longspur - 15± Toolik Lake, Slope Mtns - 2+, km 298

Proton Bay - 10±

Smith's Longspur - 1 @ km. 324

Snow Bunting - 2 Atigun Pass, 2 Prudhoe Bay

Rusty Blackbird - 1 nr. Fox

Pine Grosbeak - 2 Fairbanks area

Com. Redpoll - km 239 - 1 (incl. most in Salcha) of 3 hotel/imp'l sgs)

* Hoary Redpoll - 6±; Say. R. comp., 2 km. 334.5, 6+ km. 352

Savannah Sparrow - Say. R. comp. 1+ N = ~ 807

* = life bird

Agnostic Pond, S. end, Berkeley, Alameda Co., Calif.

July 9 18:20 - 19:30

Sunny, light winds, cool. Bird list - n = 25

Double-crested Cormorant - 1

Great Egret - 1

Snowy Egret - 20±

Blk-crowned Night Heron - 10±, including 3+ yg.

Mallard - 10±

Ruddy Duck - 18

Killdeer - 7 pr.

Willet - 2

Greater Yellowlegs - 2

Western Gull - 3+

California Gull - 2+ (1 ad. & 1 + yg.)

Forster's Tern - 1 (seen 15 min. earlier in adjacent Bay)

Caspian Tern - 1

Mourning Dove - 12±

Belted Kingfisher - 2

Barn Swallow - 20±

Bush-tit - 5±

Robin - 10±, Starling - 1

Brewer's Blackbird - 6±

House Finch - 10±

Amer. Goldfinch - 1+

Brown Towhee - 1

Wh.-crowned Sparrow - 1

Song Sparrow - 3+

DICKER
1989

ITC V Italian Trip - 18 Aug. to 6 Sept.

19 - 29 Aug. Rome. There was little opportunity to observe birds, but we were surprised at how common small birds were. Every evening they could be seen around living areas + were especially common in the vicinity of abandoned buildings + ruins.

30 Aug to 2 Sept - Abruzzo Mts. tour, including climb to 3000 m - Maiella Range. In the foothills around Celano, there is a fertile valley representing a former lake bed. Pines have been planted extensively on slopes. There is no native forest left - this area originally is now beech forest. Some beeches have been planted however, (~ 30 yrs. ago) especially on slopes where Luigi Boitani's wolf study area is located. In addition to wolves, Boitani's group also studied feral dogs. They do not have same hunting strategies or efficient killing behavior like wolves. This is a limestone area with soil formation recovery is very difficult. This is also a ski resort area + they is now the farming economic base of the area. Both wolves + dogs feed mainly at human dumps, but wolves only at the most remote ones. Beeches go to tree line - this area above this are meadows. On south-facing slopes there is a mixed oak forest, + this is particularly native.

Stayed in Hotel Zeus in Campo di Giove. Hiked for ½ day on 30th + whole day on 31st in Riserva Naturale Valle dell' Orfento with headquarters in Caramanico Terme. On Sept. 1 hiked almost to highest peak of Maiella

LIDICKER
1989

Italy cont.

Ranga. The Reserva has much beautiful beech forest. BoR voices + bear still occur there as well as others. On the slopes of the Maiella's above the Fagus forest, there is a broad band of alpine meadows. Then dwarf pine (Pinus mugo pumilio) occurs up to a second timberline (the subsp. in the Alps is P. m. uncinata). Then we were above well down into the pine zone. Above the pines is rocky alpine tundra. A few birds noted:

Long-tailed Tit - 2+

Red-billed Chough - 80+

Jay - 1+

Flycatcher (Pied or Collared) - 1

Chaffinch - 1+

European Goldfinch - 1+

unidentified warbler - 1

Magpie

Redstart (formerly Black Redstart) - 1+ ♀ at timberline

Swallows + House Martins were common + were seen up to the highest peaks of the Maiella's.

On 2 Sept. returned to Rome via the Abruzzo National Park. Bird was a raging bore so we did not stop + like at all.

3-5 Sept. - Florence

Stayed at Hotel Cellai on Via 27 Aprile (no. 14). Birds were seen in both the town and the Palazzo Piti.

In addition to swallows, noted: Eur. Blackbird - 10+

Jackdaws - 6+ ; Italian Sparrows - com.

IDICER
1984

Salton Sea, Imperial Co., Calif. + Imperial Valley

Sept. 13 - drove along east side of sea - early morning shopping briefly around town. Birds seen:

White-faced Ibis - 12±
Brown Pelican - 8±
Great Blue Heron - 1
Great Egret - 2
Snowy Egret - 2
Coot - 2
Western Gull (yellow-legs) - 5±
California Gull - 25±
Ring-billed Gull - 85±
Caspian Tern - 25±
Royal Tern ? - 2
Barn Swallow - V
Cliff Swallow - V
Brewer's Blackbird - V
Cowbird - 60±
Western Sandpiper - 50±
Least Sandpiper - 5±

- continued through Imperial Valley to Yuma.

Harrier - 1
Kestrel - 2
Mourning Dove - V
Long-billed Curlew - 2

Texas - 14-16 Sept.

Drove across state from El Paso to Austin + then to Galveston + along coast to Port Arthur.

Sept. 14 Swainson's + Red-tailed Hawks seen.

The first Great-tailed Grackle seen was in Fort Stockton where there was a family group including 1 adult with tail.

Sept. 15

Austin - Eastern Bluejay, Cardinal, Mockingbird, Great-tailed Grackle, Inca Dove - 2.

Columbus - Scissor-tailed Flycatcher

Galveston to Port Bolivar -

DICKEY
1989

Texas cont.

Great Blue Heron - 2+
Great Egret - 10±
Snowy Egret - 1
Reddish Egret - 1
Roseate Spoonbill - 6 (flying over Bolivar Inlet)
Turkey Vulture - ↘
Osprey - 1
Merlin - 1
Kestrel - ↘
Piping Plover - 1+
Semipalmated Plover - 10+
Golden Plover - 1
Black-bellied Plover - 5+
Ruddy Turnstone - 10±

Sept. 16 High Island to Port Arthur (four hrs. in am only)

Double cr. Cormorant - 3
Great Blue Heron - scr.
Great Egret - many
Snowy Egret - many
Reddish Egret - scr.
Louisiana Heron - 2+
unident. heron - 1 (all gray, Reddish Egret size)
Green Heron - 2
W. Glossy Ibis - 5±
White Ibis - 40±
Mottled Duck - 6
Turkey Vulture
Kestrel
Long-billed Curlew - 4
Spotted Sandpiper - 1
Willet - 5+
Lesser Yellowlegs - 2
Western Sandpiper - 1
Sanderling - 5+
Laughing Gull - abund.
Herring Gull - few
Common Tern - many
Royal Tern - 12±
Black Skimmer - 3
Mourning Dove - ↘
Boat-tailed Grackle - abund.
Snowy Plover - 2
Ruddy Turnstone - 50
Semipalmated Plover - 4
Killdeer
Black-bellied Plover
Willet
Lesser Yellowlegs
Semipalmated Sandpiper
Stilt Sandpiper (?) - 5
Sanderling
Avocet - 75+
Blk-necked Stilt - 20±

LIDICKER
1989

Texas cont.

Laughing Gull - abund
Royal Tern
Common Tern
Black Tern - 3
Cabot's Tern - 25±
Roseate Tern
Brown Pelican
Belted Kingfisher - 3
Eastern Kingbird - Sev.
Loggerhead Shrike - 5+
Barn Swallow
Starling
Pt. Aransas - Corpus Christi - com.

Louisiana

Sept. 16 - Pt. Arthur, Texas to New Orleans

Osprey - 2

In New Orleans: Nighthawk, Chimney Swifts, Mockingbird, Starling, Grackle

Mississippi Coast

Sept. 17 - walked on beach at Long Beach.

Black Vulture - 3 (inland)

Osprey - 1 (adult yellow eye & very dk. body with an chest streaked. Iron from yesterday)

Black-bellied Plover - 4+

Sanderling - 20±

Willet - 5

Ruddy Turnstone - 5±

Laughing Gull - com.

Royal Tern - 1+

Roseate Tern - 100+

Black Skimmer - 70±

Bonaparte's Gull - 2+

Crow

Blue Jay

Mockingbird

Starling, Grackle

LIDICKER
1985

England
30 Sept. to 10 Oct.

Sept. 30 - Oct. 1 - Travel to York for meeting of the Board of Trustees, BIOSIS

Oct. 1 - 6 - York, traveling to London on 6th, stopping for lunch in Peterborough with group from Elsevier Pub. Co.

Oct. 7 - London to Paignton, Devonshire, via Hungerford, Bristol Channel, + Torquay.

Oct 8 - to Plymouth + the Dartmoor National Pk. to Lyme Regis in Co. Dorset (including Radipole Lake)

Oct 9 - to Weymouth + then to Maiden Castle, Dorchester, Stonehenge to Farnham, Surrey

Oct. 10 - to Gatwick + return to N. Augusta, S.C.

DOR mammals seen: rabbits - lots, fox - 1+, Ladybug - 1, grey squirrels - few. Only non-domestic mammals seen were Sciurus carolinensis. Also lots of mole sign. A few records for Microtus running around up working.

Birds seen:

Shag (D. cr. Command)
Little Grebe ? - 1
Grey Heron
Mute Swan
Canada Goose
Barnacle Goose - 1 (Weymouth)
Greylag Goose
Mallard
European Wigeon
Eur. Teal
Shoveller
Shelduck - 3 (Weymouth)
Scaup ? - 10+
Tufted Duck - 1+ (York)
Wood Duck ♂ Mandarin - 1 ♂ (York)
Buzzard
Sparrow Hawk
Kestrel

(cont.)

LIDICKER
1989

birds cont.:

Red-legged Partridge - 2	Starling
Pheasant	Magpie
Mourning	Jackdaw
Coot	Carrion Crow
Laughing	Rook
Herring Gull	Wren
Lesser Black-backed Gull	Robin
Gt. Black-backed Gull - 1 (Weymouth)	Blackbird
Black-headed Gull - abund	Marsh or Willow Tit
unident. adult - 1 (W. of Weymouth)	House Sparrow
Rock Dove	Chaffinch
Wood Pigeon	Greenfinch (S. Coast)
Lark, prob. Sky lark - 10± (Maiden Castle)	
Swallow	Goldfinch
White Wagtail (including some w/ buffy fronts)	

N. Augusta to Abbeville, South Carolina

Oct. 15

Took Highway 230 N to unnumbered rd. marked to "Clarks Hill". Went W by beautiful swamp to detour N to Hwy 23 (bridge out), to Modoc to Parksville. Went N along river & reservoir (out to island & back). Drove to McCormick & then Abbeville. From there to Calhoun Falls & on Hwy. 81 to outskirts to Barksdale connecting to US 378. Stopped briefly at Baker Creek St. Pk & back to Parksville & room was waiting. Went to Clarks Hill & drove across dam & back & then returned via SC 28 to I-20 & then to N. Augusta.

LIDICKER
1985

Oct. 19th cont.

Birds seen:

Double-cr. Cormorant - 1+
Great Blue Heron - 2
Canada Goose - 25± (Parkersville; seem to be a small subsp., & might not all be)
Wood Duck - 20±
Turkey Vulture - 2
Black Vulture - 12±
Kestrel - 1
Killdeer - 2+
Rock Dove - ∨
Mourning Dove - 1
Belted Kingfisher - 2+
Flicker - 10±
Red-bellied Woodpecker - 1
Yel.-bellied Sapsucker - 1
Downy Woodpecker - 4+
Red-headed Woodpecker - 2
Pileated Woodpecker - 1+ (found by Blackfolds as could not see back)
Cardinal - 8±
House Sparrow - 1+
Phoebe - 2+
Alder Flycatcher - 1 (heard only)
Blue Jay - com.
Crow - com.
Carolina Chickadee - 4)
Tufted Titmouse - 1 (heard)
Carolina Wren - 2+
Long-billed Marsh Wren - 1
Mockingbird - ∨
Catbird - 1+
Brown Thrasher - 1
White-eyed Vireo - 1
Red-eyed Vireo - 2+
Parula Warbler - 1+
Red-eyed Towhee - 2+

n=33

Hitchcock Woods, Aiken, Aiken Co., South Carolina

Oct. 21 ~14:N to 17:30

Louise + walked ~ from SE corner (Clark St.) + then briefly from W end. Dt was sunny + cool with very little bird activity. Saw several Sciurus carolinensis + some mole sign. Birds seen:

LIDICKER
1989

21 Oct. cont.

Turkey Vulture - 1 (between N. Augusta + Aiken)

unidentified hawk (probably Cooper's Hawk) - 1

Rock Dove - 1

unidentified owl sp. (prob. Barred) - 1

Robin - 1

Carolina Chickadee - 1+

Field Sparrow - 2

Carolina Wren - 2

Downy Woodpecker - 1

Mockingbird - 5+

Bluebird - 4

Brown Thrasher - 2

Blue Jay - 2+

Golden-cr. Kinglet - 1+

Hermit Thrush - 10±

Savannah River Site, Aiken Co., South Carolina

Nov. 12 With Louise + Jerry Wolff.

Set out by Shannon trap (collapsible) but with sunflower seeds. In afternoon.

Field 3-4-12 (Southern most corner of Aiken Co.): Laid out 56 traps + Jerry out 56 = transects 20 m apart running perpendicular to Savannah River. Then walked through Pruning Thickets, Regen. stages + mature thickets as well as grassland.

Capt. 11, stand 6: Then we set 40 traps each = this field thick + ~½ way between the Rd C clearcut + SC 125 on S-side of Rd. 2. Laid out ~ 80 ac. side clear cut ~ 1988 had with small bands of hardwoods + some mixed hardwoods + pine remaining. At least one portion of the site has "windrows". About 10 traps of my line were actually set along a windrow.

LIDICKER
1989

SRS - cont.

NOV. 12

08:05 - 11:45 Checked traps & CAPS thru sec.

Cmpt. 11, Stand 6:

Peromyscus polionotus - 2 ♂♂, 1 ♀, 1 shrew (unprep. adult)

Neotoma floridana - 1 ad ♂ in window. (♂)

Field 3-4-12:

Sigmodon hispidus - 1 ad. ♀ (edge of Banana Pit clearing)

All of other removed without recording.

NOV. 13

08:15 - 12:10 Picked up all traps: All empty

except one removed without recording

Cmpt. 11, Stand 6:

Peromyscus polionotus - 2 ad ♀♀ + 1 ad ♂ from yesterday

unprep.

Field 3-4-12:

Peromyscus polionotus - 1 ad. ♀ (pregn.) + 1 shrew.

Drove to site previously checked on 10 November and set 40 traps each. This is Compartment 80, Stand 27. It is on 11 acre clear cut, and is 1988 and on Rd. B-6, just SE of where it crosses the RR (B-6 = Patterson Mill Rd.). This is in Barnwell Co. and is 9.5 mi. W, 3.5 mi. S Barnwell. The site has 4 habitats and is thickly covered with Rubus and other heavy vegetation. The edge of the field closest to the RR is relatively dry and sandy; this is where the first habitat is. There is also a small but open Quercus habitat 2 and 3 that we discovered after traps were all out. We set traps in each habitat across the cut.

LIDICKER
1989

SRS cont.

Nov. 14 08:55 - 11:40

P: start of trap at crossb. 80, stand 27. Catch on all released recaptured.

Peromyscus polionotus - 2 (1 ad ♂ + 1 ad ♀, had molted)

S: gundlachi hispidus - 2 (recapt.)

Peromyscus gossypinus - 1 (ad. ♂)

Neotoma floridana - 1 (ad ♂) on wind row no. 3

Blarina brevicauda carolinensis - 2 (both dead) WSL #'s 3980, 3981

Set out 100 traps at 3-4-12 as follows:

L + J set out 40 traps along side of ditch across bay (for previous). We set mostly - Rather Richards had also along edge of water + grassy area. Then we set a line of 10 + more grass out to edge of water. Frequently found muskrat + bloodworm that could have been Sigmodon. Probably ran out + a little cooler than previous 3 days which were hot.

JDW set 40 traps along edge of bay + dispersal drift fence. Then he set 10 more + opposite direction along drift fence.

Then traps were baited with sunflower seeds, dates grained oats with tongue depressors, + set up + down.

Nov 15 11:45 - 12:45

Louise + J rebaited all 100 traps at SRS field 3-4-12, set on 14 Nov. Except for 3 traps on the return leg of Jenny's line of 40 + possibly a couple of traps in his line of 10, all other traps had been visited + generally

LIDICKER
1989

SRS cont.

all the bait was gone. Three of Jerry's traps + 2 in line of 40 had the wires pulled out and the trap collapsed (raccoons?).

Most of the 40 traps on the powerline ditch were retrieved with sunflower seeds, and the rest were retrieved with dry oatmeal.

Nov. 21 4:30-5:30 p.m. Laid retrieved (sunflower seeds) + set all 100 traps on the Ellerton Bay (3-4-12) site.

Nov. 22, 23, 24

Ran traplines + AM w/ L + Jerry Wolff.

During night of 22nd - hard rain; during night of 23rd - hard frost. Picked up all traps on 24th + set two by Haven-Lewis baited w/ cat food for raccoons.

Five dead Blarina + traps on ditch across Bay on 23rd (WZL # 3982-3986), + 2 more on 24th (WZL 3987, 88).

Dec. 5-7

Set traps on grid at Ellerton Bay + run them on morning of 6 + 7th.

Dec. 27-30

Set grid traps + run them 28, 29, 30th. Bay frozen on first 3 days but slightly thawed on 30th.

W. Z. Lidicker

1990-1991(part)
Catalogue

#4001-4113

LIDICKER
1990

Ellenton Bay, Savannah River Site, Aiken Co, S. Carolina

Jan. 17

17	4001.	♂	Blarina brevicauda	test. 7½ x 5 mm.; penis enlarged 7.9 g. 102-18-12.5-6
16	4002.	♀	" "	nullip.; ov. inact. 7.8 g. 103-21-13-6.5

Jan. 16

	4003	♂	+ COMPLETE SKEL. Procyon lotor	testd. disc 32x25 mm 6.47 kg. (14.3 lbs.) 812-223-125-66

Jan. 18

5021	4004	♀	Blarina brevicauda	perforate, penes not enl. pl. scars; ov. inact. 8.4 g. 102-20-13-6.5
5018	4005	♂	"	test. 7x4 mm.; penis evident 8.9 g. 100-18-13-6.5
5020	4006.	♀	" SKULL ONLY	nullip.; ov. inact. 6.8 g. 96-19-12.5-6
5019	4007	♀	" SKULL ONLY	both hind ft. w/ missing + deformed toes nullip. ov inact. 6.4 g. 92-14-12-6.5
5022	4008	♀	" SKULL ONLY	nullip.; vag. greatly enlarged (sem. fluid); ov. inactive? 6.5 g. 99-18-12.5-6.5

Jan. 19

	4009	♀	Blarina brevicauda	vag. enlarged, fluid filled; nullip.?; ov. inact.? 7.6 g. 101-17-12.5-6.5
	4010.	♂	" "	penis enlarged; test. 8x5 mm. Bursa with vent. patch 8.8 g. 101-17-13-7
	4011.	♀	" SKULL ONLY	nullip., ov. inactive 6.6 g. 102-21-13-6
	4012.	♂	" SKULL ONLY	test. 8x5½ mm; penis enlg. 8.7 g. 98-16-13-7

Jan. 30

	4013	♂	Blarina brevicauda	test. 9x5½ mm; penis enlarged 9.3 g. 105-21-13-6
5028	4014.	♂	" "	test. 9x5½ mm; penis enlg. 10.4 g. 102-17-13.5-7
	4015.	♀	comp. SKEL. ONLY " "	5 emb. x 10 mm N.f. small + Pelvis sep. widely emb = 1.3 g. (3L, 2R) 8.8 g. 102-20-13.5-6
	4016	♂	SKULL ONLY " "	test 8½x5½ mm; pen. enlg. 9.9 g. 103-19-13.5-7
	4017.	♂	comp. SKEL. ONLY " "	test. 10x5 mm; pen. enlg. 10.6 g. 102-19-12-6.5
	4018	♀	SKULL ONLY " "	no emb or pl. scs. N.f. small; Pel. mod. sep. 8.4 g. 106-23-13-7
	4019.	♀	SKULL ONLY " "	nulli: P. P. sl. sep. 7.7 g. 101-19-12.5-6.5
	4020	♂	SKULL ONLY " "	test. 8x4½ mm ~~penis not enl.~~ pen. enlg. 8.3 g. 103-20-13-6.5
	4021.	♀	SKULL ONLY " "	5 emb x 3 mm (3R, 2L) P. sl. sep. 7.4 g. 100-19-12.5-6.5

LIDICKER
1990

Ellenton Bay, Savannah River Site, Aiken Co., South Carolina

Jan. 30

5036	4022	♀	SKULL ONLY *Blarina brevicauda*		nulli-p, vag. only; P. sl, sup. 8.3 g 99-18-12-6
5037	4023	♂	SKULL ONLY " "	P-3	test. 8 x 4½ mm; P. sl, sup., Pen only. 9.2 g 100-17-13-7
5038	4024	♀	SKULL ONLY " "	P-10	no nulli, post. pairs N, small; P. sl. sup. 8.1 g 100-18-12-6.5
5039	4025	♂	SKULL ONLY " "	C-13	test. 8½ x 4 mm; Pen. only, Pen. sl. sup. 10.1 g 110-24-13.5-7

Jan. 31

5004	4026	♂	*Blarina brevicauda*		small bare area on vagina, dam. only., test. 8½ x 5 mm. 8.9 g 103-17-13.5-7
5042	4027	♀	" "	P-3	nulli-p., vag. only. 7.1 g 94-16-12.5-7
5041	4028	♂	SKULL ONLY " "	P-6	test. 9 x 5½ mm; Pen. only, 9.2 g 98-15-13-7
5043	4029	♂	SKULL ONLY " "	A-10	test. 9 x 5.5 mm; Pen. only. 10.0 g 104-20-13-6.5

Feb. 1

5040	4030	♀	*Blarina brevicauda*	A-7	N-p. small, vag. only, nulli-p.? 7.1 g 95-16-13-6.5
5044	4031	♀	ALCOHOL-PRES., formalin fixed " "	D-7	vag. only, no nubs w pb. scars; nulli-p. 7.9 g 107-20-13-7
5041	4032	♀	SKULL ONLY "	E-10	vag. only, nulli-p. 6.2 g 85+-10+-12.5-6.5

Feb. 12

5045	4033	♂	*Blarina brevicauda*	C-4	test. 7½ x 5 mm; Penis only. 8.7 g 101-17-12.5-7
5045	4034	♂	" "	C-8½	test. 8.5 x 5 mm; Penis only. ventral bare spot 9.5 g 102-17-13-6.5
5051	4035	♂	ALCOHOLIC, form. fixed. " "	H-10	test. 7.5 x 5 mm, Penis only. ventral bare spot 9.6 g 98-15-13-6.5
5053	4036	♀	ALCOHOLIC, form. fixed " "	D-7	no nubs w pl. scars, vag. only.; ovs. active 6.7 g 102-21-13-7
5057	4037	♂	ALCOHOLIC, form. fixed " "	P-3	test. 8½ x 6 mm; Penis only. #4 too cut 9.9 g 106-20-13-7
5054	4038	♀	SKULL ONLY " "	N-10	no nubs. w pl. scars, Vag. only., ovs. active 7.4 g 103-17-13-6
5042	4039	♂	SKULL ONLY " "	F-11	ventral bare spot test. 9 x 5½ mm.; Penis only. #1 too cut 8.4 g 99-15-13-7
5052	4040	♀	ALCOHOLIC, form. fixed " "	F-4	4 nubs x 2 mm (3 H. alert) rt hind foot-toes 2,3,4 fused #3 short 7.2 g 104-21-13-6.5
5050	4041	♂	SKULL ONLY " "	C-11	test. 9.5 x 6 mm; Penis only. small ventral bare spot 9.7 g 102-14-12.5-7

Feb. 13

5046	4042	♂	SKULL ONLY *Blarina brevicauda*	M-11	test. 9.5 x 5 mm., Penis only. #1 too missing 9.1 g 101-15-12.5-6.5

CLICKER
1990

Ellenton Bay, Savannah River Site, Aiken Co., South Carolina

Feb. 13

4043	♂	ALCOHOLIC - form. fixed *Blarina brevicauda*	#3 ton clipped	test. 5½ x 3 mm.; penis only. 7.3 g	96 - 15 - 12 - 6.5
4044	♀	ALCOHOLIC - form. fixed " "		multip., vag. only, 1 ft. ov. w/ 4 fols. follic. brown stain ventrally 7.2 g.	95 - 18 - 13 - 6

Feb. 14

4045	♂	SKULL ONLY *Blarina brevicauda*	#4 ton clipped mid-ventr. brown spot	test. 9.5 x 5.5 mm; penis only. 10.3 g	101 - 14 - 12.5 - 7

March 3

4046	♀	SKULL ONLY *Blarina brevicauda*		5 emb. x 3½ mm (2L, 3R) N. small 9.0 g	101 - 18 - 12 - 6.5
4047	♀	SKULL ONLY " "		horns only, ovs. act.; N. small 8.3 g	105 - 21 - 13 - 6.5
4048	♀	SKULL ONLY " "		1 ut. swelling x 2 mm (R); N. tiny +; ovs. active 6.8 g	99 - 18 - 12.5 - 6.5
4049	♂	SKULL ONLY " "	small mid-ventr. brown area	test 8½ x 6 mm; penis only. 9.8 g	102 - 18 - 12 - 6.5
4050	♂	SKULL ONLY " "	mid-ventr. brown area	test. 4 x 2 mm; penis not only 8.7 g	103 - 18 - 13 - 7
4051	♀	SKULL ONLY " "		5 emb. x 5 mm (3R, 2L); N. small 8.0 g	98 - 19 - 12.5 - 6.5
4052	♂	SKULL + BAC. only *Procyon lotor*	4.8 kg (10.6 lbs)	test. 34 x 26 mm, desc.	822 - 240 - 114 - 64

March 4

4053	♂	SKULL ONLY *Blarina brevicauda*		test. 10 x 6 mm; penis only. 9.5 g	98 - 15 - 13 - 6.5
4054	♂	" "		test. 8 x 5 mm; penis only 9.2 g	101 - 20 - 13 - 6.5
4055	♂	SKULL ONLY " "	rt. thumb "cut"	test. 9 x 6 mm, penis only. 9.8 g	97 + - 12 + - 13 - 7
4056	♂	" "		test. 8.5 x 5 mm.; penis only. 9.4 g	104 - 21 - 13 - 7
4057	♂	SKULL ONLY " "		test. 8 x 5 mm; penis only. 8.4 g	94 - 16 - 12 - 7
4058	♀	ALCOHOLIC - form. fixed " "	small mid-ventr. brown area	5 emb. x 6 mm (3R, 2L) N. small 7.8 g	92 + - 12 + - 13 - 6.5

March 5

4059	♀	SKULL ONLY 2 parasitic ~~ton~~ nest *Blarina brevicauda*	~~#2 ton clipped~~	no emb., ovs. w/ 4 fols.; N. small 8.3 g	105 - 17 - 13 - 7 ut. enl.
4060	♂	SKULL ONLY " "		test. 9½ x 6 mm; penis only. 9.8 g	92 + - 8 + - 12.5 - 7
4061	♀	SKULL ONLY " "		no emb., ov. 2 ft., ut. only, N. tiny + 7.1 g	97 - 19 - 13 - 6
4062	♂	*Microtus pinetorum*		test. 4 x 3 mm, not desc. S.V. 7 mm, sl. enl. 16.8 g	118 - 21 - 17 - 6.5
4063	♀	" "	#1 ton clipped	emb., P. vary sl. enl.; N. med., 1 pl. scar (L), ovs. 17.2 g	128 - 21 - 16.5 - 7 inact.

LIDICKER
1990

Woods Bay, Savannah River Site, Aiken Co., South Carolina

coll. 24 Nov. 1989 by Joe Pechmann

4064 ♀ Blarina brevicauda — SKULL ONLY — pickled in form. + R-OH — no ends, round N entrance — 9.65 g — 97-17-12.5-6.5 last.

4065 ♂ " — SKULL ONLY — " — pickled in form. + R-OH — test. 2 x 1½ mm; penis not only. — 7.72 g — 94-18-12.5-6.5

4066 ♂ " — SKULL ONLY — " — pickled in form. + R-OH — test. 2½ x 2 mm; penis not only. — 6.98 g. — 93-19-11.5-6

coll. 17 Nov. 1989 by Joe Pechmann

4067 ♂ " — SKULL ONLY — " — pickled in form. + R-OH — test. 2 x 1½ mm; penis not only. — 6.0 g. — 91-18-11.5 R -12.5 L-6.5

coll. 10 Nov. 1989 by Joe Pechmann

4068 ♀ " — SKULL ONLY — " — pickled in form. + R-OH — 4 ends x 11 mm (2 R, 2 L) Nipples. — 10.74 g. — 103-20-12.5-7

Evenstad, ~~Østerdalen~~ Østerdalen, Hedmark, Norway

July 4

4069 ♀ Sorex minutus — 7 ends x 8 mm. — 6.1 g. — 108-38-11-6

July 10

4070 ♂ Microtus agrestis — test. desc. test. 12 x 7 mm; ut. obv., S.V. 19 mm — 60.5 g. — 184-46-21-13.5

June 19 (prep. 11 July); coll. by H. Andreasson

4071 ♀ Microtus agrestis — imp. nulli-p. bd. horns sl. only + ovs. rudim. — 24.7 g. — 142-30-21-11

4072 ♀ " " — parp., N. small, nulli-p., horns sl. only, ovs. rudim. — 27.8 g. — 144-32-20.5-11

4073 ♂ " " — test. desc, 10 x 7 mm; S.V. 9 mm; ut. not vis. — 37.5 g. — 156-34-22-11.5

4074 ♂ " " — flank glands large — test. desc., 12 x 7 mm; S.V. 21 mm ut. obv. — 49.5 g. — 173-43-22-14

July 12

4075 ♀ " " — nulli-p. — parp., ut. h. only 4; ov. and follic. + C.a's — 24.5 g. — 159-39-20.5-13 (5R 3L)

4076 ♀ " " — imp., P. sl. enl.; N. small, 8 ends x 3 mm — 35.09 g. — 173-42-20-13.5 (4R 4L)

July 31

4077 ♀ Sorex — no ends. — 7.9 g. — 118-40-15.5-7

4078 ♂ " — SKULL ONLY — test. desc, 8 x 4 mm, penis only. — 11.8 g. — -41-15-7

4079 ♂ " — test. desc. 8 x 5 mm — 10.8 g. — 125-36-14.5-7

4080 ♂ " — test. desc., 7½ x 4½ mm. — 10.3 g. — 129-41-14.5-7.5

LIDICKER
1990

Evenstad, Østerdalen, Hedmark, Norway

July 31

4081 ♀ Sorex — SKULL ONLY — 7.8 g — no ecto. 121-37- 15-7.5

4082 ♀ " — 8.0 g — no ecto. --41- 14-7.5

4083 ♀ " — 7.7 g — no ecto. 115-41- 14-8

4084 ♀ Clethrionomys — N.fg. 3 pl. scars mRt, 0 on Lt. — 26.2 g — 152-44- 19-12

4085 ♂ " — fem. disc. 13×7½ mm — 20.6 g — 147-42- 19.5-13

4086 ♀ " — N fg. pl. scars 2RT, 2LT, nut funch — 23.5 g — 152-42- 18.5-13

Aug 1

4087 ♀ Sorex minutissimus — multip. — 3.1 g — 97-37- 12-5

4088 ♂ Clethrionomys — test. disc. 16½×9 mm, ect. obv., S.V. 15 mm — 25.8 g — 162-44- 19-13

4089 ♂ M. enotus — test. disc. 10×5½ mm, S.V. 8 mm; ect. not vis. — 21.8 g — 132-23- 20-11.5

4090 ♂ Clethrionomys — test. disc., 12½×8 mm, ect obv., S.V. 12 mm. — 21.8 g — 148-42- 19-12

4091 ♂ " — test. disc. 15×8½ mm, ect. obv., S.V. 13 mm. — 24.0 g — 154-42- 19-13

1½ km E Evenstad, 335 m., Østerdalen, Hedmark, Norway

Aug 2

4092 ♀ Sorex — multip. — 8.0 g — 119-36- 13.5-8

4093 ♀ Sorex araneus — multip. — 9.2 g — 132-44- 14-9

4094 ♂ Clethrionomys — test. disc. 13×8 mm, ect. obv., S.V. 12 mm — 19.0 g — 142-40- 19-12

4095 ♂ " — test. disc. 15×8½, Lt. obv. S.V. 13 mm — 25.5 g — 153-47- 19-13

4096 ♀ " — N. fg, faint pl. scars — 21.3 g — 154-41- 18.5-13

4097 ♀ " — N. fg., 5 mm × 14 mm — 31.0 g — 160-45- 19-13

14 km. W, 9 km. S Evenstad, 1000 m., Hedmark, Norway

Aug. 2

4098 ♂ Sorex araneus — test. disc., 10×5½ mm, penis enlg. — 12.4 g — 127-43- 14-8

LIDICKER

1990
+
1991

Evenstad, Østerdalen, Hedmark, Norway

July 31

4099 ♀ Clethrionomys 25.5 g. N. lg. 5 emb. x 3 mm. 152-43-18.5-13.5

4100 ♀ " 16.9 g. no emb, ut. horns sm. 132-42-18.5-12

4101 ♀ " comp. skel. only 26.2 g. N. lg. 6 pl. scars 155-48-19.5-13

4102 ♂ " 23.8 g. test. descr., 14x9 mm, ct. obv., S.V. 11 mm 147-43-20-14

4103 ♀ " 28.5 g. N. lg., 4 pl. scars 158-45-19.5-14

4104 ♀ " 31.5 g. N. med. + 5 emb. x 14 mm. 166-49-20-13.5

4105 ♀ " skull only 16.5 g. 136-39-19-12.5

4106 ♂ " 19.6 g. test. 7x4½, S.V. 2 mm. 139-45-19-13

4107 ♀ " skull only 28.7 g. N. sm. 6 emb. x 9 mm. 157-46-19½-13

4108 ♀ " 31.5 g. N. lg., old pl. scars, no emb. 167-50-19½-13

Aug. 3

4109 ♀ Microtus 52.5 g. parous, N. med.+, no emb, recent partus 189-48-21.5-14

¼ mi. E Junction Butte, S side Lamar R., ~6150 ft., Yellowstone Nat. Pk., Park Co., Wyoming

14 Aug. 1990 (prep. 22 May 1991) coll. by E. Barnosky

4110 ♀ Zapus princeps trap 67 26.8 g. no mbrs., pl. sc. 1L, 1R, prev. lact. 246-144-32-13

16 Aug. 1990 (prep. 22 May 1991) coll. by E. Barnosky

4111 ♀ Microtus skull only trap C-7 15 g. no emb, ut. horns 2 mm wide 134-33-18-11

Mt. Lanaihale, 1000 m., Lana'i, Hawaii

Aug. 5, 1991

4112 skink Lerolo [illegible] orig. pres. in rum

Lanai City, 530 m., Lana'i, Hawaii

Aug. 5

4113 gecko Lepidodactylus orig. pres. in rum lugubris

W. Z. Lidicker

1990
Journal

Florida
South Carolina
Norway
South Carolina, Kentucky, Missouri,
Nebraska, South Dakota, Wyoming,
Idaho, Oregon, California
Calif: Alameda Co.
Bermuda
Calif: Contra Costa, Solano,
Sacramento, Sutter Cos.

LIDICKER
1990

Florida Trip 2-11 Jan

Jan. 2 - Left North Augusta about 9:05; lunch Raidsville, via Ga. 121. Ga 121 to 169 to Jesup, + via 341 (25/27) to Brunswick + Jekyll Island. Toward Jekyll Island + vicinity until almost sunset. I 95 to S. of Jacksonville + Hgwy US 1 to St. Augustine. Reading motel (126); dinner: The Chimes (rec. by J. Wolff). No complete bird list made but on Jekyll Island (bitter cold) did see Gull-billed Terns on outer beaches + Forster's Terns in bays. Most of the gulls were Ring-bills, but a few Herring Gulls were seen on the outer coast.

Also: Ruby cr. Kinglet - 1
Solitary Vireo - 1
Yel.-rumped Warblers - many
Pine " " - many
Clapper Rail - 1 heard
Semipal. Sandpiper - 20±
Dowitcher - 8±
Willet - 2+
Blk.-bel.-Plover - 1+
Dunlin - 6±
Ruddy Duck - 1
Marsh Hawk - 2+
Gt. Scaup - outer coast - several

Jan. 3

Toward St. Augustine until about 14:30. Quite a few Ruddy Turnstones on seaward wall of The Castle. Com. Loon in bay.
Also around Castle were White Ibis (15±) + a Snowy Egret.
I 95 to Lake Worth; visited for 2 hrs. or so with John

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1990

Jan 3 cont.

& Marla Herbst. Drove on to Key Biscayne, arriving about 23:15.

Jan 4 + 5

Visited w/ Fritzi & Tony (Ottavio) in Key Biscayne. On 4th took cruise in Miami Harbor & on sail (pm) walked thru South Park on southern end of Key Biscayne. No complete bird list kept but did see:

Frigate bird - 1
Palm Warbler - many
Yel-rumped Warbler - many
Red-bellied Woodpecker - 3+
Yel-br. Sapsucker - 1

& this area Ring-billed & Laughing Gulls common & egret numbers.

Jan. 6 - Excursion to Key West

Left ~ 10:00 & ar. back ~ 21:30.

On Big Pine Key saw 1 ♀ Key deer. Also lots of DOR 'possums & raccoons thruout the day.

Birds: Brown Pelican - 120+
D. cr. Cormorant - 150+
Anhinga - 1
Frigatebird - 1
Gt. White Heron - 12±
Gt. Blue Heron - 1
Gt. Egret - 8+
Snowy Egret - 1
Reddish Egret - 2 dk & 1 wh.

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1990

Jan. 6 cont.

Cattle Egret - 10 ±

Louisiana Heron - 12 ±

Little Blue Heron - 1

White Ibis - 12 ±

Red-breasted Merganser - 2 ♀

Turkey Vulture - 60 ±

Osprey - 1

Kestrel - 20 ±

Coot - 6 ±

Killdeer - 2

Ruddy Turnstone - 15 ±

unidentified red-tailed sandpiper - 30 ±

Ring-billed Gull - 50 ±

Laughing Gull - 150 ±

Royal Tern - 45 ±

Rock Dove - 10 ±

Mourning Dove - 15 ±

Belted kingfisher - 10 ±

Yellow-headed Blackbird - 1

Crow, unidentified - 1

Yel.-rumped Warbler - 10 ±

House Sparrow - 10 ± (Key West)

Starling - 20 ±

Mockingbird - 5 +

Palm Warbler - 8 ±

Savannah Sparrow - 1 +

n = 35

Jan. 7 Excursion to Everglades Nat. Pk.

Arrived at Pk. ~ 10:15, left ~ 19:15

Lots of alligators seen esp. on Anhinga Trail. Heard all the way to Flamingo & returned on Anhinga Trail at 18:15.

(sunset: 17:45)

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Jan. 7 cont.

Birds: Pied b. Grebe - 15± D. cr. Cormorant - 8

Brown Pelican - 5± (Miami Harbor only)

Am. Lim. - 30± Great Egret - 50±

Gt. Blue Heron - 25± Snowy Egret - 150± (Ecofond only)

Cattle Egret - 1 Louisiana Heron - 8±

Little Blue Heron - 12± Green Heron - 10±

Yellow-crowned Night Heron - 1 + ~6 night herons seen after dk. that did not sound quite like Blk-cr. Nightherons

Amer. Bittern - 1 Wood Stork - 10

Glossy Ibis - 1 (silhouette at dusk)

White Ibis - 450±

Roseate Spoonbill - 1 (Ecofond) Blue-winged Teal - 3 pr.

Turkey Vulture - 100± Black Vulture - 3

Red-shouldered Hawk - 1

Short-tailed Hawk - 1 (light phase)

Bald Eagle - 1 (imm.) Osprey - 2

Kestrel - 3 (outside of Pk.) Purple Gallinule - 12±

Com. Gallinule - 50± Coot - 25±

Killdeer - 2 unident. sandpipers - 30±

Ring-billed Gull - 10± Laughing Gull - 80±

Forster's Tern - 6 Royal Tern - 2

Rock Dove - 10± (outside of Pk.) Mourning Dove - 12± (outside of Pk.)

Smooth-billed Ani - 1 (Ecofond)

Belted Kingfisher - 4+ Tree Swallow - 8

Blue Jay - 2 (1 in Pk.) Com. Crow - 30±

Catbird - 30± Blue-gray Gnatcatcher - 12±

Starling - 20± (not in Pk.) Yel.-rumped Warbler - 40±

LIDICKER
1990

Jan. 7 cont.

Palm Warbler - 20± Amer. Goldfinch - 8±

Painted Bunting - 1 (Ewford) Red-wing - 150±

Com. Grackle - 8± Cardinal - 2 N=51

Jan 8

Leave Key Biscayne ~11:50, arrive Lake Wales 13:15. Lunch - Marks + John's Restaurant. Lv. Lake Wales ~14:15 Hwy 98 to Canal Point on Lake Okeechobee. N. on 441 to Yeehaw Jct. + on to turnpike as it was getting dark. Economy motel - Kissimee. Birds seen Lake Wales to Yeehaw Jct.:

Amer. Common - 30±

Grebe, Horn. Pied. bill - 1

Anhinga - 1 (E. side Lake O, just w. N. Mayaca)

Gt. Blue Heron - 2 Cattle Egret - 175±

Gt. Egret - 12± Green Heron - 2

Wood Stork - 7 (6 ~ 8-10 mi. W of Loxahatchee + 1 ~ 6 mi. N Fort Dawn in northeastern Okeechobee Co.)

White Ibis - 8± Swan, unident. - 4

Turkey Vulture - 60± Marsh Hawk - 3

Osprey - 1 unident. light phase bldd. red.-shld hawk - 1

Kestrel - 25± Com. Gallinule - 45±

Coot - 1+ Spotted Sandpiper - 1

Ring-billed Gull - 300± Laughing Gull - 15±

Forsters Tern - 120± Common Tern - 3

Rock Dove - 5± Mourning Dove - 45±

Robin - 50± (1st one seen just N. of Canal Point)

B. Kingfisher - 1 Tree Swallow - 5

LIDICKER
1990

Jan. 8 cont.

Rough-winged Swallow - 10± Com. Crow - 10±

Mockingbird - 8± Palm Warbler - 2

Starling - 15± E. Meadowlark - 2

Red-wing - 150± Com. Grackle - 50± n = 35

Jan 9

Kissimmee to Ejcon Center. Leave well after dark to continue N, through Orlando to Altamonte Springs (Days Inn). Birds seen:

Fish Crow - 10±

Bt. H. Grackle - 25+ ♀♀'s Com. Grackle - 8± ♂♂;

Jan. 10

Altamonte Sprs. to Orange City, + to Blue Springs State Pk (09:30 to 15:00), including 3 hrs. + 26 mi. canoe trip. Hwy 17 to Jacksonville (dusk), I295 bypass to US 1 + on to Folkston, Ga.

Saw 6-8 manatees at Blue Spr., several alligators + lots of long-eared bat, + lots of otter, muskrat, or nutria.

Birds: D. cr. Cormorant - 1 (Green Cove Spgs)

Anhinga - 25± Gt. Blue Heron - 20±

Ground Egret - 30± Cattle Egret - 25±

Louisiana Heron - 2 Little Blue Heron - 12±

White Ibis - 250± Turkey Vulture - 50±

Black Vulture - 2 Red-shouldered Hawk - 4+

Red-tailed Hawk - 1 (between Altamonte Spg's + Orange City)

Osprey - 8+ Kestrel - 5 (roadside)

Purple Gallinule - 4 (good minimum 2-3 pr. of them)

LIDICKSN
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Jan 10 cont.

Com. Goldeneye - 30±

Killdeer - 2 (Grass Cove Pkg)

Ring-billed Gull - 80±

Royal Tern - 1 (Brass Cove Pkg.)

Caspian Tern - 2 (Blue Pkg.)

Rock Dove - 10± Mourning Dove - 20±

Robin - 10± (mostly N of Saville)

B. Kingfisher - 6± N. Flicker - 2+

Pileated Woodpecker - 2 Red-bellied Woodpecker - 3

Downy Woodpecker - 6± Phoebe - 8±

Tree Swallow - 15± Bluejay - 12±

Fish Crow - 25± Tufted Titmouse - 2

Carolina Wren - 12± Mockingbird - 10±

Bl-gray Gnatcatcher - 12± Cedar Waxwing - 35±

Starling - 20± White-eyed Vireo - 1

Yel-rumped Warbler - 45± Amer. Goldfinch - 8±

Red-wing - 50± Boat-tailed Grackle - 5+

Com. Grackle - 50± Cardinal - 6± n=45

Jan 11

Visit to Okefenokee Swamp North Pk. 08:30-14:00

Saw 1 bobcat + lots of white-tailed deer. Cool, sunny day. Birds:

Sandhill Crane - 85± (all seemed to be 6+ - lg. subsp.)

Pied bl. Grebe - 2 Gt. Blue Heron - 1

Gd. Egret - 2 Mallard - 30±

Bald Eagle - 1 ad. Pintail - 40±

Turkey Vulture - 25± Blk. Vulture - 1

JACKSON
1990

Jan. 11 cont.

Red-tailed Hawk - 2	Red-shouldered Hawk - 1
Osprey - 1	Robin - 80±
B. Kingfisher - 1+	N. Flicker - 2+
Pileated Woodpecker - 2+	Red-bellied Woodpecker - 4+
Phoebe - 3	Blue Jay - 5+
Com. Crow - 20±	Tufted Titmouse - 2
Brown-headed Nuthatch - 1	Carolina Wren - 3+
Mockingbird - 5±	Catbird - 8±
Hermit Thrush - 1	Bl-gr. Gnatcatcher - 2
Ruby cr. Kinglet - 3	Orange-crowned Warbler - 1
Yel.-rumped Warbler - 70±	Pine Warbler - 1
Amer. Goldfinch - 5±	E. Meadowlark - 6
Cardinal - 1	n = 34

Hwy 301 to Statesboro = Folkston + confirmed N = Hwy

Birds: Red sq. Hawk - 1 Red sh. Hawk - 1

E. Bluebird - 9 Mockingbird - 1

Turkey Vulture - N Mourning Dove - 2

English Sparrow - N Carolina Wren - 2

Hwy 25 to N. Augusta. Dusk after Statesboro.

Ar. ~ 19:00. Total species of birds for trip = 105.

Jan. 16 SREL

Sad trips on grid of Ellenton Bay (w/Louise).

Weather - clear & warm; 14:15 - 17:00.

The water level in the Bay was up still more so many trips on the edge of the water had to be moved. Only one trip still had intact sunflower seeds in it: A-4.

Lots of feral pig damage to the grid, especially in

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1990

Jan. 16 cont.

N, E, + S sections. Four + fig (Lg. + black) were seen in the S section where they had worked up the vegetation for 25-30 ft. with smaller between lines N + O. They seem to be after a large root about 1½ in. in diameter. At least 5 traps were knocked by pigs, 3 of which had to be replaced. No lemurs seen. A few frogs calling.

Yesterday Jerry set two more traps for raccoons next to the old traps. These traps were of the single door design + were baited with cat food. The one on the dike had a large ♂ raccoon, + the one along the bigger forest had an adult striped skunk. The skunk was released + the raccoon dissected (WZL 4003). Took photos of grid.

Jan. 17

Ran traps with Jerry + Louise. Rebaited traps w/ skunk + removing Herm-Lizard dike with cat food. Weather: warm + ~~mostly overcast~~ clear.

Jan. 18 (cooler than yesterday).

Warm + overcast. Probably the same skunk was in the dirt from trap 3 released. We re-set this trap on the dike not too far from A-11. Other trap was re-set further down the dike. Both were baited with sardines. The remains of 3 Rat wings found (2♂, 1♀) in 3 ^various different locations; only feathers were left. Ran trap lines.

Jan. 19

Warm + partly overcast. Removed 2 old Herm-Lizard traps, leaving 2 new traps described above. Ran traps + kept them wedged

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1990

Jan 19 cont.

often with tongue depressor. Took several photographs including our bleeding objective + Bfly damage.

Jan. 20

With Louise, Jerry Wolff + Barbara Taylor in boat canoeing in the bald cypress / tupelo swamp near Stava Island, southward of the SR Site.

Weather: overcast, foggy, cool.

By the time we were launched it was ~10:15. On way back we stopped + explored Stava Island about ½ Lr.

At about 13:45 returned to trucks + drove to N. arm of Par Reservoir + then returned to SREL.

Birds seen: (PP = Par pond; SI = Stava Island)

Pied bl. Grebe - 6+ (PP) D. cr. Cormorant - 3 (PP)

Great Egret - 2 (PP) Black Duck - 2+ (PP)

Ring-necked Duck - 25± (PP) Lesser Scaup - 10± (PP)

Bufflehead - 15± (PP) Ruddy Duck - 1 (PP)

Black Vulture - 1 (PP) Kestrel - 1

Com. Gallinule - 3 (PP) Coot - 25± (PP)

Barred Owl - 2 (heard; SI) B. Kingfisher - 1+ (PP)

N. Flicker - 2+ (PP + SI) Pileated Woodpecker - 2+ (SI)

Red bellied Woodpecker - 8+ (SI) Yel.-bellied Sapsucker - 3 (SI)

Downy Woodpecker - 1 (SI) Blue Jay - 1+ (PP)

Com. Crow - 15± (PP + SI) Carolina Chickadee - 2+ (SI)

Tufted Titmouse - 2+ (SI) Brown Creeper (?) - 2 heard (SI)

Carolina Wren - 5+ (SI) E. Bluebird - 8± (woodlots)

Robin - 10± Hermit Thrush - 1 (SI)

Yel.-rumped Warbler - 10± (SI + PP)

(cont.)

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1990

Jan. 20 cont.

Savannah Sparrow - 1 (SREL)

Shot much of liquid field - 1+ (SI) & also @ SREL -

dominig fences. n = 31

Jan. 29 1400-1700

Sit out over trap grid on Ellsworth Bay - w/ Louise & Jerry. Overcast, warm, windy, sprinkles of rain. As soon as we finished there were strong winds & heavy rain but only briefly. Clear, almost near warm, over night with temperatures dropping into 20's °F.

Because of slightly higher water levels (a big change in 5 weeks) we had to modify grid somewhat.

E. section - trap D-9 that was at D-10 was removed, & D-10 moved to approximate of block limits.

N. section - trap E-13 & F-13 moved some further back toward E-14 & F-14 respectively. D-11 & F-11 moved 30 m to access from dike. G-11 due to higher ground.

S section - N line removed except for 8, 9, & 10.

New P-line established (1-10). Lots of fig signs in the area.

Pat & Scott from Lab took photos of us.

Jan. 30 0830-1020

Heavy frost w/ light layer of ice on Bay. Clear & warming thaw am. Moved a few of O traps in S section to O½ positions. Recent disturbance in W-S section & N-11 had blocked trap lane. Was carried about 5 ft. further into block lanes & contained 2 voles (one tan-clipped) of a Sigmodon. Saw 1 of our recent traps

LIDICKER
1990

Localities M-10 & N-10.

Jan 31 08:30 - 16:15

Rain drops. Weather - very cold o.v a fog settled over Bay, but no frost. Partly cloudy. Clearing and warming through morning. Six flys seen in S-sector. In the am, O-line is moved to O½ for days 2-6. Two traps set at O-7.

Record no. of birds caught: 1 towhee & 5 song sparrows.

At B-15 we caught a Pennsylvania shrew, like Sorex cinereus. Its hind foot measured 11 mm & tail only 69 mm. Four traps monitored. Some apparent crepuscular activity in E & W sectors & along line.

Two double captures of Sorex cinereus, & this is the first time this happened.

Feb. 1 08:25 - 09:45

Rain, sleet & ofcasional drops with longer downpours. Replaced completely dirty traps with clean ones. Saw 1 fox & 1 Wood Ducks. Empty traps on W side of Bay & also some traps in S. sector.

Weather: Light frost, partly cloudy. Very cold early but warming rapidly through morning.

In anticipating the 20 shrews caught during this trap period, I checked the public registries for all, both sexes, & found all except juvenile females had been at least partially reported. Pregnant females were not to be widely rep.

Feb. 11 ~~[illegible]~~ 11:45 - 18:00

Set out our trap grid at Ellington Bay, in Louisiana

I.

LIDICKER
1950

Feb. 11 cont.

In trap A-8 found a long-dead shrew that had apparently been kept there since the last trapping period (it was partly cannibalized); it will be #5047. Moved 1 of the 3 traps at C-11 to mid on the dike. Re-set the 2 remaining traps, baited with ½ can of cat food each.

On Feb. 9 Jerry had set out a line of 45 traps to S. & W. of Bay to locate additional cotton rats for later sampling. We found all these traps, noted whether or not bait had been taken & re-baited as needed. The traps were all locked open.

Drove to PAR pond to check for ducks. Went first to the dam side & then around to W. West side.

Weather: clear & warm, cooling toward evening.

Birds seen:

Common Loon - 14
Pied bl. Grebe - 45±
D. cr. Cormorant - 15
Gr. Bl. Heron - 2
Great Egret - 5
Mallard - 1 ♀
Black Duck - 2
Gadwall - 4
Green-winged Teal - 20±
Wood Duck - 1 pr.
Ring-necked Duck - 40±
Canvasback - 1 ♂
Lesser Scaup - 8
Bufflehead - 30±
Ruddy Duck - 120±
T. Vulture - 10±
Red bl. Hawk - 1 (along hwy between Jackson & Bush Is.)
Red sh. Hawk - 1 (")
Kestrel - 1 (")
Com. Gallinule - 4
Coot - 80±
Woodcock - 1 (long dead & rotten at Ellenton Bay)
Ring bl. Gull - 4

(cont.)

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1990

Feb. 11 cont.

Robin - 6
Belted Kingfisher - 1
Bluejay - 10+
E. Crow - 20+
Carolina Chickadee - 4+
Carolina Wren - 6+
Mockingbird - 8+
E. Bluebird - 4
Ruby-cr. Kinglet - 1
Yellow-rumped Warbler - 2+

N = 40

Pine Warbler - 8+ (song: short mod. strong trill w/ sl. liquid quality)
Amer. Goldfinch - 1
Loggerhead Shrike - 2
Red-wing - 10+
Ruf.-sd. Towhee - 2+
Song Sparrow - 20+
olive-colored, sparrow-sized bird in marshy area
Atlantic Bay w/ heavy silvery markings, dusky Yellow-throat - 1+

Feb. 12

Checked traps 09:30 - 11:30. Clear & warm. Trap at 0½-2 disappeared, replaced by 1 & 2 traps at 0-7. Noted: - 1 'coon trips. Found a skeleton under the trunk of A-8 (partially skeletonized - no meat) have been missed at last trapping bout. (# 5047).

Feb. 13

Checked traps 09:05 - 11:05. Clear & warm. 'Coon trap near N-10 had been closed by bait & N-10 trap had feathers of Song Sparrow & some blood; trap closed. Rebaited both 'coon traps w/ tuna fish cat food.

Feb. 14

Clear & very warm. Checked traps & left open with tongues depressed. Fire ants are much more of a problem than previous week. This is probably because of the

L. DICKEN
1990

Feb. 18 cont.

warm weather. The area is experiencing a much earlier "spring" than normal. Perhaps the ants are also attracted to dying trees + possibly even sunflower seeds. I think we should have those birds there soon since there is the same effect for several months.

3 flocks of Woodducks seen on the Bay. Also Wilson's Snipe seen today + yesterday. Fox Sparrow - 2.

Today was the first 2 time Yellow-throats have been singing.

Columbia, S.C. trip.

Feb. 20 - Visit at USC + particularly w/ Wally Dawson + Pat DeCoursey. Dawson came to USC in 1962 from Ohio St. Univ. (PhD). Pat + George came in 1966; George died in 1970. Pat got Assoc. Prof. in about 1976 after 1 yr. in Psychology Dept. Pat's son died in climbing accident in 1987 (March); her daughter lives in Cape Hatteras, N.C. + is m. married (with kids adopted).

Feb. 21

Columbia to Beckham Swamp Rd. (bridge almost to end, but was flooded), Duffy Pond, Congaree Swamp Natl. Mon., + return home via Orangeburg + Blackville.

Birds recorded:

T. Vultures - 20±	Ring B. Gull - 70±
Killdeer - 20±	Great Egret - 1
Least Sandpiper - 6 (B. Swamp Rd)	Canada Geese - 12
Mallard - 3 pr. + 1♂ + 2 ♀ = 9	Red-th. Hawk - 1
Red shouldered Hawk - 2	Kestrel - 8+
Mourn. Doves - 2	Barred Owl - 2

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Feb. 26 cont.

B. Kingfisher - 6±
Red bel. Woodpecker - 6±
Downy Woodpecker - 12±
Pileated Woodpecker - 4±
Red-headed Woodpecker - 1 (Dunbarton Pl.)
Flicker - 10±

(Also saw 1 small, silent woodpecker + unplumed fish hawk at Congaree Swamp, but couldn't get a look at it through binocs.)

(Crested Flycatcher ? - 3 : heard loud trill with emphasis (exclusive of constituent) beginning the second half of this sp.)

Phoebe - 1
Com. Crow - 10±
Tufted Titmouse - 10±
Carolina Chickadee - 20±
Winter Wren - 2
Brown Thrasher - 2
E. Bluebird - 20±
Golden-cr. Kinglet - 2
Loggerhead Shrike - 10±
Yellow-rumped Warbler - 40±
Red-wing - 10±
Com. Grackle - 30±
Rufous-sd. Towhee - 6+
White-thr. Sparrow - 15±
Song Sparrow - 1+
Blue Jay - 10±
Fish Crow - 1+
White-br. Nuthatch - 3+
Carolina Wren - 10±
Mockingbird - 15±
Robin - 50±
Ruby-cr. Kinglet - 20±
Cedar Waxwing - 80±
Starling 2
Pine Warbler - 20±
Balt. Oriole - 1 ad. ♂ (Orangeburg Pk.)
Cardinal - 10±
Sl.-c. Junco - 21±
Swamp Sparrow - 2
n = 48

Savannah River Site, S.C.

March 2 w/ JDW + LNL out trap on grid at Ellenton Bay (14:30 - 15:30). Overcast, light rain at times, mild. Only 1 trap had not been touched : A-13. On

Lidicker
1990

Mar. 2 cont.

27 Feb. Jerry had checked line, re-baited traps & fixed fire ant poison mounds around each trap. He also re-baited but did not check or 2 corn traps. There were no ants in the traps when we set them, but as it was overcast we could not be sure it was entirely due to the poison. Re-set corn traps as did he to vic. C-10.

March 3

Checked traps 08:30 - 10:15. Overcast, mild. A few traps had large ants this time. Caught an adult ♂ Procyon in the trap near N-11, moved this trap to vic. O-8. → (see WZL # 4052)

March 4

Checked traps 08:30 - 5:30 Partly cloudy. Quite a few traps continue to be disturbed by raccoons & some had signs of birds being taken from the traps. Caught a Possum in a corn trap nr. O-8. She had 2 + young. Trap reset without bait.

March 5

Checked traps 09:00 - 10:00. Ptly cloudy. Locked traps open & re-baited them with bird food. Picked up the 2 raccoon traps. Caught 2 ♂ Microtus pinetorum, both dead in traps (WZL #'s 4062, 4063). The ♂ was reproductively inactive but I think was pregnant. The Sem. vesicles were 7 mm. long, flattened & translucent (clear). Several birds (Song Sparrows) & 1 P. gossypinus were killed in traps, presumably by raccoon. Trap M-13 was moved close to M-13 because of high water.

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Mark 6

09:10 - 11:10 Went to Ellenton Bay with Jerry & Sally Landaal, on the Sally cruise identifying the common plants in our study area for us. Saw 6 Bobwhite along powerline like.

The most common grass is Panicum hemitomon which extends from the sand ridge beside the Bay well into the open water. Mixed with the Panicum is the composite Eupatorium perf. capillifolium which is tallest near the current H2O edge + the drop off. Another common grass is Andropogon virginicus (tall bunch grass, reddish tan color) occurs in scattered bunches like in the Panicum grass + there is a heavy continuous band a little above the current H2O level. A second species of Andropogon was found near the deep pond in the N sector. The scattered clumps is a very tall grass Eriocaulon. In the open water are scattered clumps of Juncus + a clump of Typha. The lily pad is Nymphaea aquadica + this is the plant with the large rhizomes that the pigs have been feeding on. There is also a Polygonum along the water's edge.

Moving away from the water in the East sector, the Panicum becomes mixed with Rhexia mariana (meadow beauty) that has very small seeds. Rubus sp. becomes increasingly mixed in. At what appears to be the level of maximum water, there is a band of bottom land shrubs (Cephalanthus occidentalis) which is in the Rubiaceae + has opposite branching, ball-shaped fruit.

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Mw. 6 cont.

Other species noted in the road ridge bound along where drift fence is include:

Prunus angustifolium - Chickasaw plum

Rhus ~~typhina~~ copalina - shallow sumac

Liquidambar - sweetgum corky outgrowths on robust + twig

Sycamore

Acer rubrum - red maple

Prunus serotina (esp. where drift fence)

Ilex opaca

Lonicera japonica

Panicum - record sp.

Vaccinium arboreum - blooming

The North Sector has lobelolly pine invading the Panicum (Pinus taeda) as do the other 2 sectors (S + W). In this sector there is more Eriocaulon, & a Polygonum was noted in the Panicum. The band of Andropogon virginicus on upper side of the road is well developed.

Along the powerline dike, Rubus of some species, and the weed Salix sp., Acer rubrum, & a few individuals of Magnolia virginiana (sweet bay). Juncus is more prevalent along the sides of the dike where open water is more dominant. On top of the dike there is a large variety of weedy grasses & forbs. On the front of the dike we found Corydalis (Fumariaceae) - w/ yellow snapdragon-like flower. In the South sector we found Eriocaulon to be more common, & also noted Eupatorium, Acer, & Liquidambar.

L. Dickson
1990

March 7

Jerry + I went to Ellerton Bay study area 09:20 to 12:20. Weather: cold, windy, + mostly overcast. Assessed vegetation at transects in E + N sections of the study site under water, we measured H2O depth + tried to assess vegetation as it was before inundation. We did the same before + after estimations for sites damaged by dogs.

Autopsied 5 Blarina brevicauda received from Joe Pechmann which he pooled = females + the R-OH following capture in 3 kill traps = Lot selenodon enclosures at Works Bay. This Bg = smaller, currently dry Carolina Bg about ½ mi. S. of Ellerton Bg. The enclosures are = fairly forest N of the Bg + separated from Ellerton Bg by a paved road + another stretch of forest, Joe weighed the shrews fresh, + I took measurements on the pooled carcasses. I measured both HF + only 1 was asymmetrical. Checked toes on all feet for damaged or missing toes, + all were found to be intact.

♀ 10 Nov. '89 Pen M6 103-20-12.5-7 10.74 g.
4 embs. x 11 mm. (2R, 2L), N. lg., prev. lact.? WZL # 4068

♂ 17 Nov. '89 Pen. W1 98-18 -11.5(R) -12.5(L) -6.5 6.0 g.
test. 2 x 1½ mm.; penis not enlg. WZL # 4067

♀ 24 Nov. 89 Pen W2 98-18-12.5-6.5 9.65 g.
N. lg., recent or current lact.; right uterine horn > enlarged than left, no visible embryos. WZL no. 4064

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Mar. 7 cont.

♂ 24 NW. '89 Pan W6 $9\frac{3}{4}-\frac{19}{20}-11.5-6$ 6.58 g.
test. 2½ x 2 mm; penis not only. WSL #4066

♂ 24 NW. '89 Pan W2 94-18-12.5-6.5 7.72 g
test. 2 x 1½ mm.; penis not only. WSL #4065

March 8

Jerry + 2 went to Ellenton Bay to complete our vegetation descriptions of trap sites. 9:50 – 12:10
Windy, overcast, cold, with light rain setting in by late morning. Finished & washed from 2 of the additional mats placed on the Hand Sora Rail.

Charleston Trip - 11-12 March

March 11 - Drove to Charleston via Lynn 78 + 64, arriving at Magnolia Gardens about 12:10. Left there 15:30 continuing to Charleston & doing walking tour of old part of town. Stayed overnight in Days Inn Cooper River. Birds seen:

Brown Pelican - 2
Great Egret - 1
Green-w. Teal - 2 f.
Blue-winged Teal - 20 + incl. only 4 ♂♂
T. Vulture - 15 +
Kestrel - 1
Common Gallinule - 30 +
Willet - 1 (Charleston)
Laughing Gull - 25 +
Rock Dove 2
Flicker - 2

Bald Eagle - 1 ad.
Laughing Gull - 15 +
Louisiana Heron - 1
Ring necked Duck - 10
Black Vulture - 15 + (near New Ellenton)
Osprey - 1 +
Amer. Coot - 35 +
Ring B. Gull - 50 +
Royal Tern - 1
Mourning Dove - 2
Pileated Woodpecker - 1

Lidicon
1950

Mark 11 cont.

Downy Woodpecker - 3
Blue Jay - 10±
Fish Crow - 2+
Tufted Titmouse - 10±
Mocking bird - 10±
Robin - 30±
Starling - 20±
Pine Warbler - 1+
Myrtle Warbler - one off shore
Meadowlark - 1 (Hunt. Beach Rd.)
Com. Grackle - 30±
Cardinal - 6+
Song Sparrow - 24

Purple Martin - 15±
Common Crow - 15±
Carol. Chickadee - 15±
Carol. Wren - 20+
Br. Thrasher - 1 (Hunt. Beach & N. Ellington)
Blue-gr. Gnatcatcher - 2
Yellow-throat - 1
Yellow-rumped Warbler - 40±

Red-wing - 5±
Boat-t. Grackle - 40±
Red-bird Towhee - 2+

n = 44

Mark 12 - Drive to Charleston Harbor & dock boat
down to Fort Sumter (09:30 - 11:40). Continuing
N. on Hwy 17 to Huntington Beach St. Pk. & back
to Georgetown (~17:00). After short lunch continue
also 17 to Myrtle Corner (19:00 & complete darkness),
to I 26 to Hwy 78 & back to N Augusta ~22:25.
Saw 1 porpoise (Hunt. Turnoffs) in Charleston Harbor.
Birds seen:

Brown Pelican - 20±
Gannett - 1 (Huntington Beach) - moving S. off shore
Gt. Egret - 20±
Black Duck - 1
G.W. Teal - 10±
Greater(?) Scaup - 4± (Ch. Harb.)

Dowy Cormorant - 40±
Louisiana Heron - 1
Bald Eagle - 10±
Shoveller - 1 ♂ (Hunt. B.)
Bufflehead - 6±

LIDICKER
1990

Mar. 12 cont.

Hooded Merganser - 15± (Huntington Beach)
Red br. Merganser - 20±
T. Vulture - 10± Marsh Hawk - 2 ♀
Amer. Oystercatcher - 2 (Ft. Sumter)
Killdeer - 4 Lesser Yellowlegs - 10±
Sanderling - 25± Ruddy Turnstone - 2
Herring Gull - 8± Ring bl. Gull - 20±
Laughing Gull - 100+ Bonaparte's Gull - 40±
(Huntington B.S.P. - moving S.)
Forster's (?) Tern - 10± (Ch. Harbor)
Rock Dove - 10± Mourning Dove - 2
Robin - 10± Red bellied Woodpecker - 1
Bluejay - 2 Common Crow - 1
Fish Crow - 25± Carol. Chickadee - 2+
Tufted Titmouse - 5± Mockingbird - 2+
Brown Thrasher - 1 Carolina Wren - 1
Yellow rumped Warbler - 2+ Pine Warbler - 5+
Bl. & Gray Gnatcatcher - 2 Starling - 50±
Red-win - 5+ Boat tail. Grackle - 60±
Cardinal - 2+ Red sd. Towhee - 1
Ipswich Sparrow - 1 (Ft. Sumter) - also well, again
for song & Savannah Sparrows)
Savannah Sparrow - 10± (Ft. Sumter)
Am. Red. Warbler - 20+ n = 47

March 14 SRS

Meet to Ellenton Bay Study site with Jerry.
14:15 - 15:30. Pick up all traps on grid.

LIDICKER
1990

March 14 cont.

Took a few photographs + collected specimens of Rubus for SREL herbarium. + woodchuck skull found from 2 nest boxes. Saw 2 Amer. Bitterns. Becky Shaw + Sally Landaal identified Rubus as R. betulifolius.

March 15 06:15 - 10:45

Lovisa + I went on birding trip with Peter Stangel. Visited Red-cockaded woodpecker sites 5 + 8 Dumbarton on the SRS. Then went to Eagle Bay (near Par Pd.), then to dam along PAR Pond, + finally to corner of L Pond (via "Dinosaur Bay" (nr. Par Pd.). Birds seen:

Common Loon - 20
Pied-bill. Grebe - 30±
Double-crest. Cormorant - 25±
G.+. Blue Heron - 12±
Wood Duck - 1 pr. (Dinosaur Bay)
Ring-necked Duck - 8
Lesser Scaup - 8±
Bufflehead - 16±
Ruddy Duck - 30±
T. Vulture - 10±
Red-shouldered Hawk - 1
Osprey - 2
Common Gallinule - 1
Coot - 40±
Ring-billed Gull - 2
Mourning Dove - 15±
N. Flicker - 12±
Pileated Woodpecker - 1+
Red-bellied Woodpecker - 12±
Red-headed Woodpecker - 8±
Downy Woodpecker - 5±
Red-cockaded Woodpecker - 4
Rough-winged Swallow - 2
Blue Jay - 5±
Com. Crow - 5±
Fish Crow - 2
Carol. Chickadee - 8±
T. Titmouse - 12±
Brown-headed Nuthatch - 3
Carol. Wren - 12±
Mockingbird - 1
Brown Thrasher - 1

LIDICKER
1990

March 15 cont.

Robin - 20±
Blue-gr. Gnatcatcher - 1
Solitary Vireo - 1
Parula Warbler - 5
Yellow-throated Warbler - 1
Red-wing - 4±
Cardinal - 2
Rufous-sided Towhee - 6±
Bachman's Sparrow - 3
Chipping Sparrow - 10±
E. Bluebird - 3
Ruby cr. Kinglet - 1
Yellow-throat - 4+
Yellow-rumped Warbler - 1
Pine Warbler - 15±
Com. Grackle - 2+
Cardinal - 4+
Dk.-eyed Junco - 1
Field Sparrow - 3 (at least 3 sing, 88, 1 saw w/ fledgeling, 1 with food)
Song Sparrow - 2

n = 51

Oslo, Norway

March 25 11:00 - 15:15 Went with Nils & Bjorg Stenseth to Holmenkollen & Frognersaterun (H), & then to S. end of Bygdøy (B) Peninsula. After that we met Nils at Aker Brygge. 16:00 - 17:45 Walked from Lom (Kringsjå) (K) to Sognsvannet (S), walked around lake. The Lake was 90+% frozen. Weather mostly sunny with a cold wind. Birds seen:

Canada Goose - 10± (S)
Mallard - 50±
Golden-eye - 8± (S)
European Oystercatcher - 10± (B)
Herring Gull - 25± (B, S)
Black-headed Gull - 250± (B, S)
Common (Mew) Gull - 1 (B), 10 (S)
Wood Pigeon - 3+
Rock Dove - 20±

L. Dickson
1990

March 25 cont.

Wood Pigeon, minimum - 1 (Park. 6+. Sp. Hard by size + call notes)

Herring Gull - 40±

Com. Magpie - 30±

Goldcrest - 14 (S) Blackbird - 1 (H)

Great Tit - 3 (K, S)

Chaffinch, minimum - 2+ (H, S) - favoring Coal Tit by call note

Eur. Tree Sparrow - 10± (K) Chaffinch - 1 (H)

Greenfinch - 1 (H), 2 (S) n = 19

March 29 18:50 - 19:30

Brief walk from Kringjå to Sognsvannet. Almost all the ice is gone now. Weather: partly cloudy + quite cold.

Canada Goose - 6 Mallard - 20+

Goldeneye - 6 Goosander - 2♂, 1♀

Wood Pigeon - feathers of dead one only

Com. Magpie - 25± Herring Gull - 2

Red-wing (yellow wing linings but otherwise seen well) - 1+

Fieldfare - 1+ Coal Tit - 8+

Crested Tit - 1 Great Tit - 2

Green Finch - 5± n = 13

April 1 11:20 - 15:25

Walked from Kringjå to Maridalsvannet, took #11 tram from Kjelsås to Majorstuen + tram back home arriving - 16:35.

Mallard - 5 Black-headed Gull - 45±

Com. Gull - 12± Rock Dove - in city

Wood Pigeon - 10± Collared Turtle Dove - 1

Starling - 3 Com. Magpie - 20±

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April 1 cont.

Hooded Crow - 12±
Bluetit - 1
Coal Tit - 6±
6+. Tit - 12±
Grey Finch - 30±
Eurasian Robin - 5±
Fieldfare - 20±
Eur. Blackbird - 1
Chaffinch - 40±
Yellowhammer - 5 n=18

April 8 ~11:15

Left Kringsjå Studentby for Sognsvannet & then hiked up to Frognarseteren. Had snack at Skistua, & then walked to top of mtn (Tryvann Sta.) - 529 m. Got train from Frognarseteren at 16:18 & got home 17:15.

Mostly sunny early but becoming cloudy by mid-afternoon. Temperatures out of the sun below freezing and slight winds on top. Lots of snow on trails as we approached top of the mountain from N. side. Lakes on top were all frozen, & Lillevann was also snow-covered. Sognsvannet had partially un-frozen along the S. edge. Took several photos of Sognsvannet, & snow on way to top of mtn., including one of large ant nest made of Picea needles. Ants are large and black with reddish thorax. Ant nests in the snow. ants were active on top of the nests (maurtua). Then nests started about ½ way up mtn. & then became scarce near the top. Saw moose droppings, trails, & browse sign ~½ way to top. Also saw smaller droppings (Cervus?). Also saw mouse tracks in snow. Rabbit tracks & bark stripped in one place each. Smelled mustelid near top. Took several photos from top of mountain.

ant: maur

LIDICKEN
1990

Apr. 9 cont.

Birds seen:

Canada Goose - 2	Mallard - 20±
Golden-eye - 5 pr.	Goosander - 2 pr.
pair Long Tailed Duck - White flying in spruce forest	
Black Hd. Gull - 25±	Com. Gull - 10± (Fiskmåka)
Rock Dove - 20±	Wood Pigeon - 4
Com. Magpie - 20±	Hooded Crow - 15±
Eur. Robin - 2	Fieldfare - 30±
Marsh Tit - 1+	Coal Tit (?) - 1
Great Tit - 2	Eur. Tree Sparrow - 1
Chaffinch - 20±	Bullfinch - 1
Greenfinch - 6± (heard full song for first time)	n = 20

April 10-13 Helsinki: Trip

Apr. 10 — Av. Helsinki ~14:40 & we were met by Heikki Henttonen. He took us to the University guest house on Viroonk (Estnäsgatan) Vironkatu 1C (Helsingin yliopisto, Viarashuoneet). Took walk 16:20-19:45. Went to Botanic Gardens & then around a large "lake" (Eläintarhan-lahti & Töölönlahti), & across town to W. side park with old graveyards & small beach (Taivallahti). Then we walked back across town to the guest house. It was clear & very cold. Birds seen:

Gt. crested Grebe - 1	Eur. Coot - 4
Mute Swan - 2	Herring Gull - 8
Mallard - 70±	Com. Gull - 15±
Tufted Duck - 4 ♂, 1 ♀	Blk Hd. Gull - 100±
Rock Dove - 30±	White Wagtail - 1-1

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April 10 cont.

Starling - 3 — Jackdaw - 35±

Hooded Crow - 25± — Fieldfare - 10±

Eur. Blackbird - 1 ♀ — Blue Tit - 8±

Gd. Tit - 40± (1 ind. was going w/ unbanded hooded crow)

Hooded Warbler - 20± — Chaffinch - 15±

Common Finch - 10± — n = 20

The only other species seen = Finland = No dogs on Mayfair.

Went to dinner at Alexander Nevski Restaurant across from Market Square.

April 11

Visited Market Square. Henderson picked me up at 10:30 & we went to Finnish Forest Res. Inst. in Vantaa. Visited the Section of Forest Zoology (Dept of Forest Production) in which Heikki is one of 5 doctoral level staff. We also talked to Section chief Annila, Erkki (Prof.). He has worked with Don Dahlsten at UCB. Had lunch ~ 13:30 & left ~ 14:15 for the Univ. of Helsinki, Zoological Inst. & gave seminar at 15:15. Went for beer afterwards & then to Heikki's home for dinner ~ 5:00. to W of Helsinki. Henderson's 2 kids are Elina (10 yrs old) & Pentti (5). Took bus from 11 - 19:30 Wife: Hilkka

April 12

Visited at Inst of Zoology all day except for 2 hrs. at National Museum. Principle talks were with Jari Heikkilä (grad. student starting project on indirect effects of weasel predation on C. rutilus at Innarijärvi in NE-most Finland where they have thousands of islands), E. Pankakoski (neo-morphology of muskrats & shrews & for 1 yr. coll.

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Apr. 12 cont.

manager for bird conservation collections at Inst. Museum), & X. Xia (1 yr. post doc. w/ I. Hanski & PhD with J. Millar, W. Ont. Univ.). On way home, we found the Metro City Hotel in Kristiansandsfjorden where I had stayed in Aug. 1982. Dinner El Greco Restaurant after discovering that the 2 restaurants (Finnish style) that we had picked out were closed for Easter holiday. Sauna!

Apr. 13

Got flight back to Oslo leaving 08:10, arriving about 08:40.

April 15 10:15 - 2:45

Walked from Kringsjå to Sognsvannet & around lake taking side trip to circle Svartkollp - a small lake to E. of Sognsvannet. Came back along W. side of Sognsvannsbekken (on Sognsvannsveien) & crossing creek to the south of K. Studentby to return. Weather: cold & overcast early but mostly clearing mid-day, & then becoming fairly cloudy again. No ice on lake & no remnant snow patches. Along W side of lake found a group of chorusing & courting frogs in a small pond. Frogs were around about a dozen large egg masses. Frogs were large & had a white line along upper jaws; their calls were low pitched & slow "trill" - at first they sounded like a distant trill bird. Also saw droppings of what were probably Mountain hares (L. timidus).

Birds recorded:

Canada Goose - 1 pr Mallard - 30±

Goldeneye - 25± (much courting & squabbling going on)

Lesser Black-backed Gull - 2 Com. Gull - 6±

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Apr. 15 cont.

Blk. hd. Gull - 50±	Rock Dove - 8±
Wood Pigeon - 15±	White Wag-tail - 20±
Starling - 2	Eur. Jay - 1
Com. Magpie - 20±	Hooded Crow - 25±
Goldcrest - 1	Eur. Robin - 20±
* Ring Ouzel - 3 ♂♂	Fieldfare - 60±
Blue tit - 2	Coal Tit - 8±
Great Tit - 20±	Tree Sparrow - 5
Chaffinch - 20±	Green Finch - 20±
Yellowhammer - 3	n = 24

Philadelphia, Fairmount Park

April 18 (L+I.)

09:15 to 13:50. Walked along Schuylkill River from Hotel (Wyndam Franklin Plaza) above to Ford Rd bridge before turning to E + following ridge back to town. Weather: clear + cold, windy early especially along river. Birds seen: Canada Goose - 52

Kestrel - 1	Mallard - 3 ♂, 1 ♀
Ring billed Gull - 15±	Herring Gull - 25±
Rock Dove - 35±	Mourning Dove - 6±
Red-bellied Woodpecker - 1	N. Flicker - 15±
Tree Swallow - 10±	Robin - 50±
Rough-winged Swallow - 20±	Barn Swallow - 10±
Com. Crow - 20±	Blue jay - 8±
Tufted Titmouse - 2	Black-capped Chickadee - 1
Mockingbird - 3	Carolina Wren - 3
Starling - 150±	Ruby crowned Kinglet - 10±
	House Sparrow - 30±

(cont.)

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Apr. 18 cont.

House Finch - 2 Com. Grackle - 15±

Brown-headed Cowbird - 10± Cardinal - 4

Red-winged Blackbird - 6± Dk-eyed Junco - 3

White-throated Sparrow - 4 Song Sparrow - 10±

n = 30

Millbrook, N.Y. + Long Island trip

2¾-25 April

April 23 - Visited Inst. of Ecosystem Studies, N.Y. Botanical Gardens. Host: Rick Ostfeld. Seminar: 12:30-13:30 followed by discussion + lunch. Rick showed us around the Carey Arboretum on which the Inst. is located + showed us some of his field study sites for Ixodes.

Dinner w/ Rick + Lorrie + daughter (18 mo±) Aminy at their home + Annandale, near Redhook.

April 24 - Left Millbrook ~ 09:30 upon overcast. Rt. 44 to Millerton + 199 to Pine Plains. Visited Thompson Pond Preserve (Nature Conservancy) just S. of town. Rt. 82 to Ancram + Rt. to Copake Falls; E. on 344 into Massachusetts + Berkshire Mtns. to Mt. Everett (2602 ft.). S. on dirt road parallel to Rt. 41 + Appalachian Trail to Salisbury, CT. Rt. 44 to Lakeville where we stopped for lunch (~ 15:N). Rt. 41 to Sharon + Rt. 4 56 to Audubon Sanctuary where we stopped for ~ 30 min. Then on to Cornwall Bridge + Rt. 7 S to Norwalk Took I 95 to Old Greenwich where we tried to get to the shore of L.I. Sound at Greenwich Point. Most of the peninsula is the estate and is blocked off by private

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1990

Apr. 24 cont.

route. At about 1900 hours for NYC on I 95 + to Triboro Bridge to 125 th St. arriving at destination's at ~ 20:00. Weather: warm + mostly clear; no jackets needed until Old Greenwich Pt. Lots of Mourning Cloak butterflies active.

April 25 Left ~ 11:10 for 125th St. + Triboro Bridge to Queens. Raining. Took Grand Central Parkway to Manhasset + then down to Lands Pond Preserve + Plandome. Took Main St. to Hempstead Harbor (rain stopping at about this time). Roslyn to Meadowbrook Pkwy to Jones Beach. Returned after short walk to back to Southern Pkwy, + west to Cross Bay Blvd. Took this across Jamaica Bay to Rockaway. We did not have time to stop at the sanctuary headquarters. Followed Beach Channel Drive to bridge + continued into Brooklyn. Verrazano Narrows Bridge to Staten Island + across to Elizabeth, N.J. + Newark airport. Arrived at Avis Rent-a-car place at 16:50. Took N for London or Oslo 18:45. Mammals.

Lepus europaeus - droppings at Caumsett Arboretum

Sylvilagus " " "

White-tailed Deer - 1 seen + droppings

Muskrat - Caumsett Arb + Thompson Pond

Didelphis - lots of DOR's

Procyon - several DOR's

Marmota monax - several seen alive + 1 dead

Blarina brevicauda carolinensis - 1 ad. ♀ trapped in by Ostfeld's cat.

Sciurus carolinensis - lots seen.

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1990

Tamalpais shoreline - 1 at Corey Park.

Birds recorded:

Com. Loon - 5±
Pied-bl. Grebe - 2
Double-cr. Cormorant - 50±
Gt. Blue Heron - 1
Blk-cr. Night Heron - 3
Great Egret - 2
Snowy Egret - 1
Mute Swan - 12±
Canada Goose - 60±
Brant - 350+ (East Bay + Jamison Bay)
Mallard - 35±
Black Duck - 12±
Gadwall - 18
Baldpate - 3
Wood Duck - 1 fem.
Ring-necked Duck - 10±
Bufflehead - 18, 5 ♀
Red-breasted Merganser - 20±
Turkey Vulture - 3
Kestrel - 1
Red-tailed Hawk - 6
Ring-necked Pheasant - 2 (Corey Park)
Amer. Oystercatcher - 4
Willet - 2
Gt. Black-backed Gull - 10±
Herring Gull - 150±
Ring-billed Gull - 1
Laughing Gull - 20±
Rock Dove - 35±
Mourning Dove - 10±
Belted Kingfisher - 2
Flicker - 20±
Red-shafted Woodpecker - 1
Downy Woodpecker - 15±
Phoebe - 3
Blue Jay - 20±
Com. Crow - 40±
Black-capped Chickadee - 30±
Red-breasted Nuthatch - 1 (Joan Bird)
Mockingbird - 8± (Corey A.C. area Hillsborough)
Robin - 50±
E. Bluebird - 1 (Corey Park)
Ruby-crowned Kinglet - 20±
Starling - 85±
Blue-headed Vireo - 1
Yellow-rumped Warbler - 50±
Palm Warbler - 1
Pine Siskin - 1+
Amer. Goldfinch - 8
House Sparrow - 45±

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Miller Woods, cont.

Red-wing - 50±
Brown-headed Cowbird - 20±
House Finch - 4 (2 ♂♂ 2 ♀♀)
Dk-eyed Junco - 10±
White-throated Sparrow - 5±
Song Sparrow - 50±
Com. Grackle - 40±
Cardinal - 15±
Rufous-sided Towhee - 2
Chipping Sparrow - 10±
Swamp Sparrow - 10± (Thompson Rd.)
n=61

April 29 Sognsvannet, Oslo, Norway

11:15 - 13:00 Quite cold (still need gloves) + overcoat. Checked the frog pond on the SE side of the lake. The egg masses seemed flatter in. Less thumped out of the surface. Tads were about ½ developed + there were only a few unfertilized eggs. Water was icy cold. No adults in evidence.

Birds recorded: Canada Goose - 2
Mallard - 20±
Goldeneye - 3 ♂♂
Lesser Blk-b. Gull - 1
Com Gull (fiskemåke) - 3
Blk hd. Gull (hettemåke) - 40±
Rock Dove - 10±
Wood Pigeon - 7
Collared Turtle Dove - 1
White Wagtail (linerle) - 15±
Starling - 2
Com. Magpie - 10±
Hooded Crow - 6±
Garden Warbler - 1
Eur. Robin - 2
Blackbird - 2
Red-wing (Thrush) - 1
Song Thrush? - 1 heard only
Fieldfare - 50±
Marsh or Willow Tit - 1
Blue Tit - 10±
Great Tit - 8±
Tree creeper - 2
Tree Sparrow - 2
Chaffinch - 20±
Greenfinch - 10±
Yellowhammer - 1
n=27

~18:15 - 20:30 Walked around Frogner Park in Oslo

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Apr. 29 cont.

including the Vigelands Anlegget (with statues). Mostly sunny and a little warmer. Saw lots of common birds plus 2 Tufted Ducks & 1 Passer montanus in with a group of P. domesticus; 2 Collared Turtle Doves.

May 1 - walk from Kringsjå wood fields to West & up to S. shore of Sognsvannet & back down. 1915 - N 21:15. Very warm + sunny day (short-sleeve weather) but cooled rapidly once sun went down. Birds seen:

Canada Goose - 2	Mallard - 12+
Goldeneye - 1	Com. Gull - 6+
Les Blk headed Gull - 1 pr. + 1 other the two stood.	
Blk. Hd Gull - 30+	Rock Dove - 5+
Wood Pigeon - 10+	White Wagtail - 1
Starling - 2	Com. Magpie - 15±
Hooded Crow - 1	Eur Robin - 8±
Fieldfare - 40±	Blackbird - 8±
Bluetit - 25±	Gd. Tit - 15±
Chaffinch - 15±	Yellowhammer - 8±
Jackdaw - 2	n = 20

Østensjøvannet, S.E. Oslo, Norway

May 5

Started from Bøler train station about 15:30. Walked to lake, around S. end & up W. side & back to Skøyenåsen Station about 19:15. Warm, sunny weather.

Birds seen: Great Crested Grebe - 9 Mute Swan - 1

Canada Goose - 50±	(many nests) Greylag Goose - 40±
Mallard - 50±	Garganey Teal - 1 pr.

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May 5 cont.

Tufted Duck - 20± | Goldeneye - 7 | some w/ white spots in face and brown heads.

Moorhen - 18± incl 1 pr. w/ 5 downy chicks (not incl in 18)

Eur. Coot - 3 | Blk-hd. Gull - 400± incl. imm. nests

Rock Dove - 50± | Wood Pigeon - 8±

Wht. Wagtail - 8± | Com. Magpie - 20±

Hooded Crow - 10± | Blackbird - 5±

Fieldfare - 25± | Blue tit - 10±

Gt. Tit - 15± | House Sparrow - 1+

Tree Sparrow - 2+ | Chaffinch - 12± | n=23

Bygdøy, SW Oslo

May 6 - 18:00 - 20:15 | Mostly clear & cool.

Took ferry from Akerbrygge to Bygdøy. Walked from Bygdøynes to Folkmuseet, & then to ferry slip at Dronningen. Birds seen:

Mallard - 10± | Eurasian Oystercatcher - 3

Lesser Blk-bk. Gull - 1 | Herring Gull - 20±

Com. Gull - 15± | Blk. hd. Gull - 50±

Rock Dove - 10± | Wood Pigeon - 10±

White Wagtail - 8± | Starling - 1

Magpie - 20± | Hooded Crow - 10±

Eur. Robin - 2+ | Blackbird - 1

Fieldfare - 20± | Blue tit - 20±

Gt. Tit - 10± | House Sparrow - 5±

Chaffinch - 20± | Green Finch - 5± | n=20

May 8 - Blindern - Saw a hawk first Pied Flycatcher of year, but did not have binoculars to get good look.

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Kringsjå - Sognsvann

May 9 - 20:10 - 22:10 Took walks in area mostly along various wooded trails. Partly cloudy, cool. Did not see any new birds or anything unusual. Heard some songs could not recognize. Robins singing almost everywhere.

Bygdøy to Østensjø vannet, Oslo

May 12

Took ferry to Bygdøy at 10:45. Went to Kon-Tiki Museet & walked along S. shore of Bygdøy (Byg.) to Huk (100 - 170). Took no. 30 bus to Viking-skipene museum. Walked to ferry at Dronningen & stopped for Lettøl, took ferry at 18:00. Took train to Skøyen & then bus to Skøyenåsen & walked to N. end of Østensjøvannet (Ø.S.V.). After looking around N. end of Lake returned to train at 20:30. Got home ~ 21:15. Beautiful clear day & cool. In early afternoon it got quite warm & there was a lot of sunbathing at Huk. Birds seen:

Gt. Crested Grebe - 6 (Ø.S.V.) Canada Goose - 15±

Greylag Goose - 3 (Byg.) + imm. 2 broods (5, 3) at Byg.

Mallard - 45± (+ 1 brood of ~10 at Ø.S.V.) Shelduck - 10± (Byg.)

Tufted Duck - 1 pr. (Ø.S.V.) Moorhen - 10± (Ø.S.V.)

Oystercatcher - 50± (Byg.) Redshank - 8± (Byg.)

Les. Blk. bk. Gull - 5± Herring Gull - 30±

Com. Gull - 20± Blk hd. Gull - 100±

Common Tern - 12± (Byg.) Wood Pigeon - 20±

Rock Dove - 20± (one pr. of doves at Byg. were fully domesticated & seemed wild; they were like Rock Dove but had grey rumps & dusky bars & were almost all white).

(cont.)

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May 12 cont.

White Wagtail - 12± (1 flyover calling at Ø.S.V.) Starling - 3

Com. Magpie - 20± Hooded Crow - 20±

Blackbird - 5± Fieldfare - 35±

Song Thr. - 10± Red. Thr. - 12±

House Sparrow - 10± Tree Sparrow - 20±

Chaffinch - 20± Greenfinch - 15±

Reed Bunting - 2 (Ø.S.V.) n = 29

May 13 - Vigeland Park, Oslo 18:45-19:10

Only common birds seen as usual there were 11 Greylag Geese in the lake + 1 ♂ Tufted Duck was still there.

May 17 - Nesoddtangen - first House Martins seen.

May 19 - Sognsvannet + Åklungen

10:00-14:30 Walked from Kringsjå to Sognsvannet + my W. side & back + continued N around Kon. to Åklungen - a somewhat smaller lake. On return trip walked along E. side of Sognsvannet (see Apr. 29 + Apr. 15), the only birds seen were, emerged vegetation was growing rapidly, + there were many small tadpoles in the pond. Weather: clear + sunny, but cool (light jacket needed), although by early afternoon, shirt & arms had been out.

Birds seen: Canada Goose - 2 Gotland - 2 S. of Å

Mallard - 30± incl. 1 brood of 11 + only 2 ♂♂ at Å.

Goldeneye - 15± + 1 brood of 8 (few days old).

Common Sandpiper (Tringa hypoleucos) - 12±

Les. Blk. bk. Gull - 2 Com. Gull - 6±

Blk. bd. Gull - 50± Rock Dove - 10±

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May 19 cont.

Wood Pigeon - 2 — Collared Turtle Dove - 1

Hooded Crow - 5± — White Wagtail - 20±

Starling - 20± (many feeding ygs) — Gen. Magpie - 10±

Hooded Crow - 15± — Pied Flycatcher - 18 ♂ + 2 ♀ (last no white seen in wings)

Eur. Robin - 4+ — Blackbird - 4+

Redwing - 10± — Fieldfare - 30±

Mistle Thr. - 1 (heard only) — Blue Thr. - 3+

Song Thr. - 10± — Tree Sparrow - 1

Chaffinch - 40± — Greenfinch - 20±

Yellowhammer - 1 — λ = 28

Østensjøvannet, Oslo - May 20

After work went to the Lake (17:45 - 20:45). Got here ~ 21:30. Walked around N end & along W side & then around S. end & to T-house (Bølar). Weather: sunny w/ light clouds, mod. wind & quite cool (hands in pocket weather). At N. end of Lake saw first birdwatcher spot in Norway. He told the N. end of Lake & E. side were famous in Norway for birds. He also told us there were narrow bands on the W. side of Oslo Fjord where Nightingales occur. In the reeds he pointed out the song of the Sivsånger (Sedge Warbler) which he said outnumbered the Reed Warbler 4:1. Although we heard it we were not able to see one.

Birds seen: Gt. Crested Grebe - 8± Canada Goose - 100± plus several broods (1-1½ wks old) ranging in size from 1 to 17. Greylag Goose - 100+, no ygs seen. Also 3 full-grown geese seen that were together & seemed to possibly be hybrids between the 2 species. They had ranging amounts of white moulting on the head & a

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May 20 cont.

suggestion of the Canada's white stripe. Legs were pink. Took a photo of them 3. They were resting together & got up to forage together.

Mallard - 40± plus ducks a few hundred from 1 day to what I got.

Turkey Duck - 20± We saw 1 brood of duckling 1-2 wks. old that had no parent in evidence; they were in shallow water & feeding ~~virgorously~~ vigorously but were also being quite aggressive & belonged driving.

Coot - 1 Moorhen - 8±

Blk-headed Gull - 250± - many on nests but no eggs seen yet.

Rock Dove - 30± Wood Pigeon - 6±

Swallow - 15± White Wagtail - 10±

Starling - 10± Magpie - 5±

Hooded Crow - 12± * Reed Warbler - 3

* Ictarine Warbler - 1 Whitethroat - 2

Robin - 2+ Blackbird - 8±

Red-wing - 1 (heard song) Fieldfare - 100± (many carrying food)

Blue tit - 10± Great Tit - 12±

House Sparrow - 2 Tree Sparrow - 3 (2 on edge of reed swamp)

Chaffinch - 25± Greenfinch - 12±

Reed Bunting - 8± incl 1 ♀ carrying food n = 29

Switzerland & West Germany Trip

24 May to 3 June

May 24 Took 07:35 train from Oslo S. to Hamburg.

Seen from train while in Norge: Starling, Black-headed Gull,

Blue-tit Common Gull Mallard

Jackdaw Magpie Blackbird

House Sparrow Carrion Crow - 1 Rock Dove

Hooded Crow Grey Heron - 2 Lapwing - 3

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May 24 cont.

Pheasant — House Martin

Fieldfare — Swallow. Lark

Lapwing sp. - 2 — Deer - 2

Sverige to Helsingborg (ar. 15:52): Wood Pigeon,
White Wagtail — Oystercatcher - 1 (in - Baltic)
Jackdaws - much more common than in Norway
Black-hd. Gull, Mute Swan, Lesser Blk B. Gull
Ferry from Helsingborg to Helsingør (Denmark):
Herring Gull, Comm. Gull, Blk-hd. Gull, Lesser
Blk-bk Gull, Common Eider - 40± (mostly ♂♂).
Lolland, Denmark: Coot, Crows seem to be
Carrion Crows but may be hooded Crows.
Rødby ferry to Puttgarden (W. Germany); had dinner
on ferry: Herring, Common, & Blk-hd. Gulls, &
group of ~ 6 Com. Eiders (mostly imm. ♂) on Comm. side.
Green Finch - Puttgarden. Sunset 21:25!
Changed trains - Hamburg (~ 23:30) for Stuttgart.

May 25 - Got a little sleep on train (concluded).
When we got up we were following the River Neckar
(09:35)
just E. of Heidelberg. Before arriving - Stuttgart Parr:
Grey Heron, Mute Swan, Carrion Crow, & Swifts.
Noted alot of conifers tinged with reddish brown (waldsterbin?)
Put luggage in a locker, had a small breakfast, & took
walk - nearby park which extended to the river, We did
not get all the way to the river before we had to turn back
to make our train at 12:44. Saw in Park: Sciurus
vulgaris - 1. Mute Swan - 1 pr. + 1 cygnet,

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May 25 cont.

Mallard - lots Coot - 4

Moorhen - 2 + 4 downy chicks w/ 1 ad.

Blackbird - lots incl. 2+ full grown ff.

Fieldfare - 10± incl. 1 almost fully grown ff.

* Nuthatch [Eur.] - 1 (did some foraging on ground

House Sparrow - lots Pied Flycatcher - 2

Green Finch - 5± Chaffinch - lots

G+. T:+ - 2+ Blue-tit - 5±

Rock Dove - ++ Starling - ++

Wood Pigeon - 10± Common Crow - 2+

Jackdaw - 2+ Two ff Chaffinches + 2 Coots

Tits actively coming to us hopping = 4 different species. Took 2 photos = Bush.

Stuttgart to Böblingen to Horb to Rottweil to Tuttlingen to Singen on Swiss border; we more or less followed the Neckar Flus. The valley is beautiful countryside w/ no sign of woodsterben here. S. of Rottweil saw 1 deer + 1 Black Kite.

Switzerland - first customs check of trip. Before Schaffhausen saw 1 unident. Larid. Ar. Zurich 15:47. Left for Zug 16:09 + on to Bellinzona ar. 18:35. Met by Marco Salvioni who took us to stay at his apartment.

May 26 Marco's mother = Carla Gianni

Spent a very afternoon worked with Marco on research paper. After lunch Francis Saney, with Anna Gabriella + 7 mon. old son (Thaddeus Cyril) arrived from Lausanne. After visiting they went to rest then for Arvicola terrestris

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May 26 cont.

(the agnostic form) in the plains 5. of town. At 17:30 we left to help Sancy with the ringing + to look at birds. We returned at 19:30. Birds seen:

Mallard - 5 ad. + 1 brood of 8 duckling. Blk. Kite - 1

* Red-footed Falcon - 15± Wood Pigeon - 8±

Collared Turtle Dove - 2 Cuckoo - 1+

Swallow - 70± House Martin - 40±

* Roller (Coracias garrulus) - 1 (we saw note a group of ~25 bird watchers + they pointed us in the direction of where they had seen this bird, + luckily we found it.)

Starling - 20± Hooded Crow - 20± (bodies seem browner than those in Norway)

* Great Reed Warbler - 1 Pied Flycatcher - 1

Blackbird - 50± Blue-tit - 1+

House Sparrow - 50± Italian Sparrow - 1

Chaffinch - 5± Nightingale - 3

Green Finch - 2+ n = 21

May 27 With Marco + F. Sancy took trip to close to border (2000 m) = Alps; 11:00 - 17:00. West N. on rd. to Zwischbergen to valley of Piotta. Turned off main highway + climbed up into (E. side of valley) to reservoir called Lago Ritom. Parked here + walked to upper end of lake which is almost empty because of lack of rainfall over last several years. Continued to Lago Cadagno - a natural cirque lake to Piano Cadagno (2000 m) + to Alpe di Pigora (summer farm for cows from valley) - were not interested much today. Then returned to car + Bellinzona. Weather: mostly clear + cool to warm. Usually it is not possible

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May 27 cont.

to drive with him some of this time & your help came of some, but only a little more common here.

Mammals seen: Marmota marmota - ~5 + lots of burrows.

Sorex sp. + Lepus timidus, Vulpes, & Martes. Two photos of a Lepus with 8 or 9 species of small mammals, including Neomys, Sorex minutus, S. araneus, S. alpinus, Clethrionomys glareolus, Apodemus sylvaticus, A. flavicollis, Microtus arvalis, & Pitymys subterraneus. We looked for Chamois & ibex but could not see any. Common in mid-day & they tend to be resting.

Herps: Lacerta vivipara - 1

Rana temporaria - abundant egg masses & some tadpoles mostly in ponds & along stream through bog; caught 2 adults.

Triturus formilli alpinus - ~20 seen + 2 small ponds & 2 caught & photographed. Have orange & red bellies.

Birds: Marco showed us an area where Black Grouse are resident, but we did not see any.

Golden Eagle - 1 ad. & 1 imm.

Kestrel - 1 (harassing the young eagle)

Swift - 2 Common Crow - 25± (valley)

Hooded Crow - 1 (valley). These 2 forms seem to act like species in this area.

* Water pipit - 50± (gray head & back, brown wings, & unstreaked; saw flight song on several occasions; found nest w/ 6 eggs in the bog).

Raven - 1 Dunnock - 1

Wheatear - 20± (most on lawn with the rounded & pied with the forehead).

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May 27 cont.

* Rock Thrush - 1 ♂
* Black Redstart - 2
* Bluethroat - 2 ♂ + 1 ♀ (♀ visited small cavity in rock outcrop like it may have a nest there.)
* Linnet - 4 * Snow Finch - 1 n = 13

After a short rest at Marco's, Lorine & I walked around the large castle in the center of town (Castello Uri) & then walked NW toward river (Fiume Ticino), S. along the river & then back through town, finally along via Carlo Salvioni (named after a relative of Marco's). This excursion was 18:30 to 20:40. Birds seen:

Rock Dove - 20±, Collared Turtle Dove - 5, Swift - 20±, White Wagtail - 3 (2 along R. & 1 on a lawn), Swallow - 2, House Martin - 70±, Starling - 2, Carrion Crow - 2, Pied Fly catcher - 2, Blackbird - 80±, Gt. Tit - 10± (incl. ~4 fledged ssp. begging from parents), House Sparrow - 2+, Italian Sparrow - 50± (a few individuals seem to be hybrids), Chaffinch - 2+, Greenfinch - 5±, European Goldfinch - 3 n = 17

May 28

* visited Marco's office.

Worked on paper w/ Marco in AM, 14:30 - 20:30 went on an excursion to Monte Generoso. Drove S. to Mendrisio which is only a few km. from Chiasso on the Italian border. Drove up winding road to ± km. below Bellavista (1223 m. elev.) which is a lookout & stop for cog train (funicular) on way to Monte Generoso. Walked up to ~1500 m. almost to top

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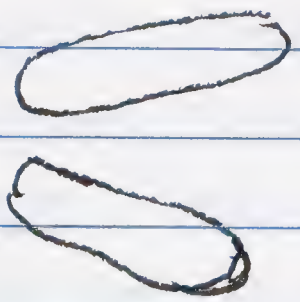
May 28 cont.

of mountain. Took a few photos including one looking into the Val di Muggio to the east, & 2 looking S. toward Bellavista, but it was too foggy for good pictures. Mostly clear & cool. Saw 1 Lacerta sp. (not vivipara) at Bellavista. Also Talpa sp.

Chamois - Saw 1 ♂ near peak, & in beech forest near Bellavista saw 1 ad. & 2 yearlings & 1 additional ad. ♀, ~~[illegible]~~ & 2 more not seen well enough to say if age = 7 total. Saw hoof prints in a number of places.



Hoofs are blunt & widely spaced at toes.

Returned to Bellinzona & visited Lighthouse & 3 castles - town, & drove around outside on highway returning to town. Took notes out for 1330.

Birds seen:

Mallard - 2	* Honey Buzzard - 2
Peregrine Falcon - 1	Cuckoo - 3+
Swifts - 120 ±	House Martin - 20 ±
* Tree Pipit - 5 ± (Saw flight song numerous times; noted pink legs & unstriped rump.)	
Jackdaw - 4 (Castello Uri.)	Hooded Crow - 10 ±
Raven - 1	Wheatear - 1 or 2
Robin - 5+	Blackbird - 10 ± (low elevations only)
Great Tit - 1+	unidentified finches - 5 ±
tree creeper ? (heard only)	Passer sp. - 20 ±
Chaffinch - 15 ±	Green Finch - 1 (below castle)

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May 28 cont.

* Corn Bunting - 1 n=18

May 29

Left Bellinzona 09:50 by car w/ Marco. Drove to Locarno on Lago Maggiore + crossed border into Italy + Camedo. At village of Re in Lepontine Alps is a giant cathedral completely out of proportion to the size of the village. Just W. of Malesco took photo of Monte Rosa (4554 m) WSW ahead + on Swiss border (Pennine Alps). Birds seen so far on only: Chaffinch, Carrion Crow - 4, Swift - 2, + Passer sp.

Passed back into Switzerland at Gondo at 10:55. Then went over Simplon Pass (2005 m) at 11:25. Stopped briefly. Took photo looking N. Saw 1 Fieldfare. It was quite chilly at the Pass. Down in the Rhone R. valley at Brig we saw the first Magpie since Germany. At Sierre the culture turned from Germanic to mostly French. There were lots of vineyards standing out also. Saw Eur. Jay + Black Kite, White Wagtail, + Carrion Crow. Turned NW at Martigny. Saw Buzzard near Villeneuve (S. of Montreux). Stopped for picnic at rest stop just S. of Montreux. Took photo of view of Lac Leman. At this spot saw House Sparrow, 2 Buzzards, 2 magpies. Continued along N. side of Lac Leman to Nyon. About 6 Milvus seen. In Nyon also saw Chaffinch + Green Finch. Visited with André Meylan at his office + then went to his home (with: Marlène) for coffee + conversation. Drove to the University of Lausanne

L DICKON
1990

May 29 cont.

& spent several hours visiting in the light: Francis Saucy, Peter Vogel, Michel Genoud, Roger Artidi, Heinz Richner (cornicks), plus a number of students. Went to Saucy's apartment for dinner & staying over night. Besides Marco, us, & Saucy's, the dinner group included Peter Vogel (Shorea - supt., acol., forster, etc.), M. Genoud (material investment & physical of shorea), Roger Artidi (models, food-prep, foraging). Vogel has 5 daughters! Richner had shown us the nest hole of Dendrocopos major in a lg. living Fagus ca 1½ m. above ground, but upp. had apparently fledged & we did not see any.

May 30

Got train in Lausanne at 10:35 for Zurich. Route via Fribourg & Bern. Birds: Collared Turtle Dove, Common Crows, Buzzards - 3.

Zurich, ar. 12:57; dv. 13:13 on train to Stuttgart. Had lunch on train. Stuttgart: ar. 16:35; dv. 17:35; on train for Nürnberg (via Schwäbisch, Aalen, Ansbach). Ar. about 20:00 & were met by Udo Ganslosser. He drove us to our hotel, a gästhof in the village of Dachsendorf (Rangau) NW of Erlangen.

Black Redstart - 1 pr.

May 31

~08:45-10:20 Walked to small lake (Oberer Bischofsweiher) which is some kind of a reserve. Udo told us that there was a colony of Black-necked Grebes nesting there. At 10:30 Udo arrived to pick us up & also Ursula Fenzlein who is a Master student of Udo's working on Kowari's. We drove to the Fenzlein apartment in Nürnberg & Ursula's husband Paul

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May 31 cont.

joined us. We then spent until ~ 17:00 touring Nürnberg; Udo left us about 12:30. Took lots of photos. From 17:35 to 19:15 we again visited the lake in Dechsendorf. Udo fetched us up at 19:30 & took us to his apartment for dinner. Udo's wife Reinhild is an architect (& an & Jean). We were joined by Franziska's aid Mascha Lissowsky - another of Udo's masters students - working on Bettongia.

Birds seen (N = Nürnberg):

Gt. crested Grebe - 4 — Little Grebe - 2
Mute Swan - 2 (1 N) — Mallard - 45+ (20 N)
Tufted Duck - 17 (2 N) — Pochard - 2
Ring-necked Duck - 1 pr. (N) - These were seen quite well & as they were in a city park, they must have been escapes).
Buzzard - 1 — Pheasant - 1
Coot - 20± — Black-headed Gull - 1 ad. + 1 juv.
Rock Dove - 15± (mostly N) — Wood Dove - 3+
Collared Turtle Dove - 3+ — Cuckoo - 1
Swift - 40± — Skylark - 5±
Swallow - 10± — House Martin - 50±
Yellow Wagtail - 1 (N) — Magpie - 5±
Carrion Crow - 25± — Jackdaw - 5±
Dunnock - 1 — Wren - 1
Reed Warbler - 20± — Whitethroat - 1
Black Redstart - 10± — Blackbird - 100±
Great Tit - 2+ — Blue tit - 2+ acc. begging juvs.
House Sparrow - 30± — Tree Sparrow - 10±

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May 31 cont.

Chaffinch - 35± Green finch - 10±

Eur. Goldfinch - 2 n = 35

June 1

Udo picked me up at 10:00 + took me to the Universität in Erlangen. Visited with Lee + Udo's students. Gave seminar 13:15 - 14:30. Chatted with the head of the Dept. of Zool. Morphol. - Dr. Prof. Dr. Lutz Th. Wassarthal; he is endocrinologist interested in Leydig tissue - tracheal / blood system innervation. Visited room in Dept. for rest of day. Brother of Udo's student is Martina Tusche - she working on Bettongia last year student - on relationships among ♀♀ in colony.

June 2

Udo met me at 07:00 + until 08:50 took tour of several natural areas ~10 km NNE of Dechsendorf, near villages of Neuhaus, Adelsdorf, Buch, Poppenwind + Mörsdorf. Weather warm + partly cloudy. Saw 2 roe deer + 2 Lepus europeus. Birds seen:

Great crested Grebe - 8± Mute Swan - 5+ group of 2/3 gray cygnets.

Grey Heron - 5+ * Purple Heron - 1

Mallard - 10± Gadwall - 2 pr.

Tufted Duck - 85± Pochard - 25±

Buzzard - 1 Marsh Harrier - 1

Pheasant - 1 Coot - 50±

Lapwing - 30± * Little Ringed Plover - 1

Curlew - 2 (Numenius arquata) in field near (or over) that seems to be a lake sometimes).

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June 2 cont.

* Black-tailed Godwit + - 3 Blk-hd. Gull - 150 ±

Rock Dove - 10 ± (including 2 hovering over boat with 1 landing: presumably in the H_2O)

Collared Turtle Dove - 1 + (Dockside)

Skylark - 15 ± Swallow - 20 ±

House Martin - 30 ± White Wagtail: 1 - 10 ±

Starling - 10 ± Carrion Crow - 10 ±

Reed Warbler - 8 ± Blackbird - 25 ±

Fieldfare - 2 House Sparrow - 5 ±

Greenfinch - 3 + Reed Bunting - 1 pr. N = 31

Boarded our boat, we checked out given berths 10:N + it started to move slightly. Undocked at N 10:35 + took us to Nürnberg railway station. We checked bags + location, wandered around town, had some lunch + caught the train at 13:39 for Hamburg (it was scheduled to leave at 13:19. Continued 20 min late all the way. Hanover: 17:35 for. Hamburg 18:45 - raining. Looked for empty hotel but it took 1 + hrs to find a room. Most were filled because of 3-day weekend. Found a decent one at DM 186. Finally got one for DM 145 at Norddeutscher Hof. Wandered around Hamburg until after 23:N.

June 3

Lv. Hamburg 07:03 on Skandia Express. Stopped - Lubeck, Oldenburg + Puttgarden. Seen to this point: Oryctolagus - 2, Lepus - 3, deer - 1. Carrion Crow, Jackdaw, Herring Gull, mallard ducks, Rock Dove, Wood Pigeon, Blackbird, Buzzard - 2, + Cranes - 3

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June 3 cont.

Fulmar - 1 ad., Mute Swan - 30±, Magpie, Chaffinch - 1, House Martin.

Ferry to Rødby Havn (09:00-10:00): lots of rabbits on German side; Rook - 2, Shag - 10±, Herring Gull - +, Lesser Bl-backed Gull - 1, Common Gull - +, Black-headed Gull - 5±, Common Eider - 15± (only 1 ad. ♂), Common Tern - 8±, Mute Swan - 6, House Sparrow - 5+.

Rødby ferry to Helsingør (Denmark):

Carrion Crow? (from My Rock), Lapwing - 4
Common Gull, Mute Swan - 50±
Wood Pigeon, Hooded Crow (starling at Nykøbing)
Fulmar - 1 ad, Shag - 1
Cormorant - 5+, Herring Gull

Nr. Højø Taastrup: Magpie - 1, Rook, Little Gull? - 1 (on seen over from water front)

Ferry Helsingør to Helsingborg: Rook, Herring Gull, Common Gull, Black-headed Gull, Black-backed Gull (probably Greater) - 1, Mallard - 1 ♂. ~~Common Eider~~, Rock Dove. Mostly overcast & quite windy

Left Helsingborg 13:55; Bårslöv 14:50, Halmstad 15:18, mostly clear & sunny in Sweden.

Ar. Oslo 23:00; good home ~ 23:35.

Østensjøvannet, Oslo

June 6

Left Kringsjå at 09:52 stopping at the Central RR station for information. Started to walk around

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June 6 cont.

N end of Lake about 11:00. Soon it was pouring down rain, & even though we sheltered under thick trees, we soon got soaked. So we returned to the T-house (~12:40) & went home for lunch. Everything we saw N of the town sentence. Birds seen:

Gt. cr. Grebe - 1 pr. (1 seemed to have egg on its back)
Canada Goose - 120± Mallard - 20± + several broods of ygs.
Greylag Goose - 100± Eur. Teal - 10 (all ♂♂)
Tufted Duck - 20± (including 1 downy yg. the offspring of a ♂ + white duck. Some of the chicks mostly patterned over the white after it) Com. Gull - 2
Blk. hd. Gull - 100+ Rock Dove - 1 L
Wood Pigeon - 2 White Wagtail - 3
Starling - 15± Magpie - 5±
Reed Warbler - 1 We also heard several song & chat warblers probably Sedge Warblers.
Blackbird - 10± Fieldfare - 15±
Grey Tit - 5± House Sparrow - 5+
Chaffinch - 2+ Greenfinch - 3
Reed Bunting - 3 ad. + 1 fledged yg. n=21

June 7 - Saw first swifts of season in Norway over the University campus in Blindern.

Sognsvann et Oslo

June 8

20:23-21:53. Walked to lake from Kringsja & went up W. side a short way before heading back. Cool & partly cloudy.

Birds seen: Canada Goose - 2 (1 yng in on nest on island)

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June 8 cont.

Mallard - 25±
Com. Gull - 2
Wood Pigeon - 1
White Wagtail - 5±
Hooded Crow - 10±
Robin - 1
Fieldfare - 15±
Greenfinch - 8±

Golden-eye - 1♂, 2♀
Blk. Hd. Gull - 40±
Swallow - 1
Magpie - 1
Willow Warbler - 2+
Blackbird - 2+
Chaffinch - 12±
n=16

Østensjøvannet, Oslo

June 10 10:45 - 14:45

Weather: warm + sunny, SE to NE breeze. Walked around N end of lake, along east side + then continued S. to Skuleand. Then we got the no. 71 bus to Jernbanetorget; had lunch then + returned home about 16:30. Birds seen:

Gt. crested Grebe - 8 + 3 juv. w/ 1 pr. Watched the juv. "greeting" the 2nd. ad. several times. This was about the juv. were last as close to juv. we had found adult + it appeared + they all touched bills.

Canada Goose - 200± + 3 hybrids seen + photographed before (May 20); there was also a 4th bird that seemed hybrid but was closer in appearance to a Canada Goose. Then 4 stayed together, esp. the first 3 + all were in a large swimming group of Canada Geese.

Greylag Goose - 100± including 1 brood of 3 ½ grown juv.; there were first juv. of this species we have seen here.

Mallard - 50+ including guide + few broods.

Eur. Teal - 1 ♀ (in creek to S. of lake; good cover; very wild.)

Tufted Duck - 30± incl. 1 ♂ brood of 4 downy juv. - already diving.

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From 10 east.

Golden-eye - 2♂, 1♀

Mooring - 5+ plus 2 broods 1 & 4 chicks each.

Eur. Coot - 5+ incl. 1 full grown chick & itself

Com. Gull - 1 Blk. H. Gull - 250± incl. quite a few ag. still on nests; a few were swimming close to shore w/chicks.

Rock Dove - 85± Wood Pigeon - 4+

Swift - 30± (1st time we have seen them here)

Swallow - 20± House Martin - 3+

White Wagtail - 10± incl. 1 fledgling ag. We noted that the ag. forage when on attending ad. both moving only into land until an alarm called from ~15 ft. away & it then started to walk, hesitate, & forage.

Starling - 20± Magpie - 20±

Hooded Crow - 10± Reed Warbler - 5+ (considered songs this on land from the Phragmites was really varied & without harsh notes; however they were of this species)

Willow Warbler - 3+ (heard songs only).

Fieldfare - 45± (many flying individually but a party flew over incl. with the flock on mud side (we had noted this also on previous visits); some were carrying food when going west). Great Tit - 20± including at least 3 broods of begging ag. Blue Tit - 6± incl. 1 brood of begging ag.

Tree Sparrow - 10± Chaffinch - 30±

Greenfinch - 1+ Reed Bunting - 10± (now recognize song which consists of 2 or 3 2-parted introductory notes followed by a short trill, occasionally 2 trills; song not emphatic).

n = 29

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Evenstad Trf, Hedmark, Norway
11-12 June

June 11 - Left University of Oslo with Harry P. Andreassen ~ 13:30 in Lidicker car. Drove N on E6 to just S of Hamar. Turned NE to Elverum & then crossing from Gudbrandsdal to Osterdalen in which the River Glommen flows to Fredrichstown (it is the longest river in Norway). Turned N. to follow river to Rena & then to Evenstad which is in the District of Hedmark (Hamar is capital). Bought groceries in Elverum. Arrived in Evenstad ~ 17:00. This is the site of Evenstad Skogskole at our experimental plots. We looked over the 7 (½ hectare) enclosures. Then took a walk & talk a walk around Campus Linear at 20:00. Ret about 21:30 & walked again to the RR station in Evenstad which consists of a short platform & a small open shelter with a bench. Got back ~ 22:30. Was quite cold with wind. Wind light in evening. There is still snow on top of nearby mountains, esp. above timberline. Birds seen: The Director of the Station has 2 pairs of pheasants and 1 of Capercaillie. We heard pheasants a number of times but they may have been the captive ones although seemed some distance away.

Golden Plover ~3+ (those on the "southern farm" with blotchy black belly toward end. with white)

* Woodcock - 1 ♂ flying & displaying calling just above trees along a creek (beck) at ~ 22:00.

Curlew? - 1 fly. shorebird seen with long bill & calls; had a two-phased call & by size most likely was a curlew.

Evenstad, Østerdalen, Norway
12 June 1990

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June 11 cont.

Black Headed Gull - 10± on River Glomma
Wood Pigeon - 8± Swift - 12
Skylark - 2+ Swallow - 35±
Sand Martin - 10± (flew in flying single flocks usually
in 3 birds, occasionally 2). House Martin - 10±
Yellow Wagtail - 8± White Wagtail - 12±
Starling - 8± Magpie - 2+
Spotted Flycatcher - 1 Fieldfare - 80± (incl. 1 fledgling)
unidentified finch - 1 Tree Sparrow - 1
House Sparrow - 10±, mixed group of 2+ begging fledglings
Chaffinch - 12± Greenfinch - 2+
Siskin - 1 ♀ Yellowhammer - 1 song heard n=23

June 12

Helped Hanny & Ole Gunnar Støen (from Agric. Univ.) load a fence to work on ploughing a trench around enclosures to keep out predators & dogs. Also met the Director of the Station (Torstein Storaas). About 10:00 Hanny took us up into the forest on the mountain to the east. After a drive of a few km., we parked & hiked up to the top of the mtn. Took some photos of the enclosures far below. Lots of Aleces nigra on the mtn, & found scat of probable Martes which contained at least 1 vole skull. Hanny found out signs of Myopus too in the forest & we hiked down. Returned 12:30. After lunch Louise & I walked around Storsjøen some more & at 13:15 Hanny drove us the short distance to the train station. Waved down a train at 15:50. Dr. Elverum 16:45 & Oslo 19:00. Got home 19:45.

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June 12 cont.

Birds seen: Bufeo sp. - 1 Pheasant - 1 ♀ & 1 ♀ from train

Golden Plover - 2 Lapwing - 1 juv. N. of Elvarum ♦

Wood Pigeon - 8± 1± S. of Eidsvoll

Rock Dove - com. from train Swift - 8

Swallow - 20± House Martin - 15± (several colonies nesting)

Sand Martin - 2 Yellow Wagtail - 3+

White Wagtail - 2+ Magpie - 1 (Ev.) & 5 from train

Hooded Crow - 8± (from train) Pied Flycatcher - 2

Common Redstart song - 1 Willow Warbler - 1 song from train

Fieldfare - 40± Song Thrush - 1

Blue-tit - 1 House Sparrow - 10±

Tree Sparrow - 2+ Chaffinch - 30±

Greenfinch - 4+ Siskin - 6± n = 24

Poland trip

23 June - 1 July

June 23 - 0800 dep Oslo airport for Kobenhavn; dep there for Warszawa at 10:20. Arr. ~ 11:35 & met by Regina Rogalska who took us to Joanna Gliwicz's apartment where we had lunch & conversation. J.G. took us to the central RR station where we got a train for Kraków ~~at~~ 16:25. Our plane tickets got stolen in the narrow passage of the train as we were getting on. (Later in Kraków we got them replaced for zł 10,000 = 92 ¢.) Otherwise uneventful 3 hr. trip to Kraków where we were met by Jan Kozłowski who took us to the Jagiellonian University guest house & then to a party at Wiktor & Rita Tomicki's apartment. The

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only birds noted were: Rook - lots, Magpie - 1,
Jackdaw - 2+, Wood Pigeon - 1.

June 24

Went sight-seeing around Kraków, especially to Wawel Castle, with Jan's daughter Anna (19 yrs old). Worked at Univ. in pm. + dinner at Tomaichi's with Jan also.

June 25

Visited old University all day except for lunch break at the Pod Kopcem Hotel which is located in an old fortress on an artificial hill dedicated to Tadeusz Kosciuszko. Lunch was in honor of Michał D. Sikorski who had just successfully defended his doctoral dissertation on taxonomy + paleontology of Clethrionomys glareolus. Besides me + Sikorski at lunch there was his wife, Jan K., + Jan. G. Wilczy (who was in Kraków to be a member of the thesis comm.). Also talked to Bogusław Bobek + Janusz Wajnar (who has Grodzinski's old office). Worked late with Jan.

June 26

Discussions at Univ. in AM mainly with Jan (= Jasi) K. + Adam. Ate pm. Jan took me to Ojców NAT. PK. north of Kraków where Adam had taken me in 1971. It rained but we managed to avoid getting soaked by staying in the forest. Lots of Helix pomatia (Roman Snail) active.

June 27 Discussions in AM at Univ. mainly with Kostowski.

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June 27 cont.

Lunch with Zamnicki's at Pod Kopcem Hotel
& then some sightseeing before taking train to Warszawa
at 18:20.

Birds seen in Krakow area.

Buzzard - 1+	Rock Dove - abund. in K.
Wood Pigeon - few	Collared Turtle Dove - 2+
Swifts - many	Great Spotted Woodpecker - 1
Swallow - few	House Martin - few
White Wagtail - com.	Red-backed Shrike - 2
Starling - few	Magpie - 2+
Rook - 20±	Jackdaw - 25±
Crow - 3 (Ojcow)	* Blackcap - 2
Garden Warbler - 1 (heard only)	* Whitethroat - 1
Chiffchaff - 3+	Redstart - 1 (Univ.)
Black Redstart - 10±	Robin - 2+
Blackbird - 30±	Fieldfare - 2
Song Thrush - 15±	Gt. Tit - 2+
Tree Creeper - 2+ (heard only)	House Sp. - com.
Tree Sparrow - com.	Chaffinch - abund.
Bullfinch - 1 (heard only)	* Hawfinch - 1
Greenfinch - 20±	Eur. Goldfinch - 4
Yellowhammer - 2	n = 35

[Historical notes: Adam Zamnicki - Student at Jagiellonian
Univ. & then went to work for Nature Conservation Inst.
which sent him to Tatra Mts. His father has lived
in England since the war & is now 85 yrs. old. Adam
visited him in 1958 & he gave Adam £100 to do whatever

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he worked with. He started to attend several courses at Oxford Univ. (right after FAP had left) & learned from Elton & Chitty. Back in the Tatras he worked on Sp: dens & used this material for his PhD degree. Then he did post doc at U. Mich. with Slobodkin. 1968 to 1971 was a difficult time for science in Poland & there was a wave of anti-Semitism and there was an effort to replace Institute directors like Petrusewicz (his wife was Jewish), and the director of Atomic Energy Board. Adam's new director used all the mail & objected to calculations like "Best organisms" as being too mathematical. Grodzinski got Adam into the University. Encouraged by Urbanek (head of PAN: at the time), Adam soon developed a reputation as mathematical ecologist; organized workshops, etc. He feels that Petrusewicz's last book (Organism, Pop., Community) had little impact because his evolutionary ideas were wrong & because those who did know him personally viewed him as a Party member, Lysenkoist, & lousy ecologist. He was not concerned with conservation or environmental protection & never publically repudiated Lysenko - even though he gave up his beliefs + his doctrine.

Jan (Jas) Kostowski is interested in the evolution of life history strategies & in particular with patterns of energy allocations. He is from a village S. of Lublin and learned Russian very well but has not crossed the border.]

27 June cont. - Dr. Warszawa after 3 hr. drive & was met by Krzysztof Andrzejewski who took us to the

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afternoon & from Barbara Pinowski who let us use their place for our visit. They live only a short distance from Andrzejewski's.

June 28

All day at Instytut Ekologji in Dziekanów L. Talked w/ Andrzejewska, Rogalska, Nabagło, Mazurkiewicz, Wasilewski, Walkowa, Adamczyk, & Chętkowska. Before we left the afternoon Pinowski arrived & we talked to him a while. Dinner at Andrzejewski's along with Regina Rogalska. Roman is now Vice Minister (1st) for Environmental Affairs & is likely to represent Poland at a conference in Washington D.C. At the Instytut I also talked w/ the whole group about our research at SREL & at Savannah

June 29

At Instytut had formal coffee with Tadeusz Prus who is Vice-Director of Inst. & was hosting us & Dobrowolski was in Switzerland. Gave seminar 10:30 with discussion going until noon. Went with Joanna Gliwicz an afternoon to home of Gabriela Bojalska & Leszek Grüm who live in Dziekanów. Walkowa was also there. After much talk & eating, Gabriela took us via visit, car w/ driver to Stary Miasto & surroundings. We spent 3+ hrs wandering around & some shopping before we were driven to our flat.

June 30

Krzysztof picked us up & we drove N about 56 km.

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June 30 cont.

to village of Poltusk. Then we crossed to E. side of Narew River & then continued N another 10 km. to a small village near the river - Szygfurdek. This is where Aleksander Wasilewski (Olek) & Maria Mazurkiewicz (Vika) have a weekend cottage. Because the map that Olek had drawn for me was so poor, we went N 15 km further NE to Ⓑ bridge before turning back & eventually finding them. I drove the Polish Fiat from Poltusk on. Visited, waited for a long excursion (Olek is ornithologist) ending up at the River - we ate from hunt when thunderstorm, wind, rain, & hail storm broke out & we were absolutely soaked by the time we got back to the hut. Ate, talked, & birded some more after the storm: beautiful! Left ~ 20:00 & drove us back home to Warszawa - lots of mud & deep puddles to maneuver through before reaching pavement. Stopped for chat 1 min. near Zegrze near where the Bug & Narew rivers join. Birds seen today:

Grey Heron - 55± including a nesting colony of at least 20 nests mostly with nearly full-grown young.

White Stork - 7+ incl. 3 on 4 nests, 1 with half grown ygs.

Black Stork - Olek showed us a nest that been used for at least 20 yrs. but was abandoned this year when hunters built a tall wooden tower ~ 1/2 km. from the nest.

Mallard - 30± (Zegrze)

* Ferruginous Duck - 1 (Zeg.)

Tufted Duck - 1+ (Zeg.)

Buzzard - 1 Blk. Kite - 2

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June 30 cont.

Coot - 1 (2nd.) — Blk. Hd. Gull - 30±

Black Tern - 8± — Com. Tern - 5

Wood Pigeon - 15± — Turtle Dove - 2+

Cuckoo - 1 (heard only) — Swift - 30±

Hoopoe - 4 — Green Woodpecker - 1

Great Spotted Woodpecker - 4+ incl. juv. min.

Dendrocopus sp. - min. dist. = almost med. size chunky bird on back when in flight; ~~flight~~ forget at low altitude moving up.

Crested Lark - 4 — Skylark - 8±

House Martin - 2+ — Swallow - 40±

Tree Pipit - 1 (identified by A.W.) — Wh. Wagtail - 2+ (roadside)

Red-backed Shrike - 3 — * Golden Oriole - 4

Starling - 2+ — Jay - 2 (heard only)

Magpie - 10± — Hooded Crow - 10±

Jackdaw - 40± — Rook - 2+

Raven - 1 — Garden Warbler - 2+

Willow Warbler - 6+ — Chiffchaff - 12±

Redstart - 1 — Robin - 1

Song Thrush - 1 — Fieldfare - 1

Tree Sparrow - 2 — Chaffinch - 12±

Greenfinch - 2+ — Reed Bunting - 1

Yellowhammer - 15± — n=45

July 1

Sightseeing with Krystyna - Warszawa. Went to: Stanisław Kostki Church where Cardinal Jerzy Popiełuszko is buried after being killed by Polish secret police; and Łazienki Park - where we saw 1 pr. of Shovellers.

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July 1 cont.

After lunch in a pseudo-Chinese restaurant, we went back to our flat to get our luggage. Met Pimowski again & then to airport. Krystyna & Regina came to Hotel Lotz Warszawa 18:10, ar. Krakow Zwierzyniec 19:30. Flight to Oslo delayed to 23:00 hr when plane was struck by lightning & had to be checked over. SAS gave us 50 kr each for a drink while we were waiting. Flight left 22:50. We got here before midnight - but not much.

Evenstad 4-5 July

Went to Evenstad on 15:42 train. Returned to Oslo on 19:25 train. Skinned a Sorex (from mainland) that had been caught on the grids (no. 4) on 4 July in afternoon of 5 July as it was not too fresh (not refrigerated).

Birds seen: Swallow - lots Herring Gull - lots
Swift - 10+ White Wagtail - 10+
Yellow Wagtail - 1 Fieldfare - 10+
Siskin - 1 Greenfinch - 1+
Sky Lark - 1 Wood Pigeon - several
Blk-hd. Gull - 5+ Hooded Crow - several

9 - 13 July

Train to Evenstad 15:42 from Oslo, ar. 1900. Checked traps (20:00) until 23:00 + then had dinner. Mostly raining but beautiful rainbows. Put radio transmitters on ad. ♀♀ in evening.

10 July - Checked traps & skinned Microtus agrestis that had been caught in live traps around the buildings at the Skogskole (no. 4070), and kept for a few days.

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10 July cont.

This ♂ was actively moulting and had well-developed skin glands on front side of legs - on side of rump.

Microtus oeconomus seems very frequent with all or nearly all individuals found caught at each check.

July 11 - trapping finished in a.m. morning Started telemetry in p.m.

July 12 - ~~trapping finished since~~; telemetry tracking of radio-collared ♂♂ in a.m. Located 6 times: 16⁰⁰, 18⁰⁰, 20⁰⁰, 22⁰⁰, 8⁰⁰ + 13⁰⁰.

July 13 - telemetry until 18⁰⁰. After dinner drove back to Oslo with Henry R. + Jadwiga S. Ar. home ~ 23:30.

Birds seen: Golden-eye - 8 on Glomma R.; all ± ♀ plumage

Pheasant - 3 + 1 + yg. Golden Plover - 30±

Com. Sandpiper - 2 Com. Gull - 20±

Wood Pigeon - 10± Swift - ↘

Cuckoo - 1 (seen on at least 3 days) Swallow - ↘

House martin - ↘ Skylark - 3+

Yellow Wagtail - 5± White Wagtail - ↘

Starling - 2+ Hooded Crow - few

Magpie - ↘ Spotted Flycatcher - 3 ad. + 3 yg.

Fieldfare - com. Wheatear - 1+

House Sparrow - ↘ Tree Sparrow - ↘

Chaffinch - 1 Greenfinch - ↘

Siskin - 8± Yellowhammer - 2

* Rustic Bunting - 1 (raised crown frequently, had two black stripes on crown + conspicuous white eye-ring).

July 15 11:00 - 14:15 Oslo

Walked to Sognsvannet from Kringsjå + then to

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July 15 cont.

Small Lake & SW - Båntjärn, Lock & Sörgårdsvattnet
& to Lake on its west side - Svartsjökulp ("Black Lake"),
around this lake & back to Kringsjön. Sunny & warm.

Birds: Common Goose - 2 Mallard - 50± (eclipse +
M. only)
Golden-eye - 6+ (♂ plumage only)
Com. Sandpiper - 2 Herring Gull - 1
Lesser Blk-backed Gull - 2 (1 ad. & 1 juv.)
Blk-headed Gull - 35± (some heads on ad. & some juv. present)
Com. Gull - 6+ White-fronted Goose - 3+
Swift - 15± Swallow - 1
Spotted Flycatcher - 2 Magpie - 8+
Jay? - 1 heard only Fieldfare - 1
Blackbird - 2 Yellowhammer - 1
Chaffinch - 6± White Wagtail - 6+ 2 = 19

Sweden trip

July 16 - train to Stockholm, lv. Oslo 15:50.
Bo Peterson was on the train; we greeted him when we
were in the station in Stockholm & rode the train with
him to Uppsala (18:03 - 18:53). Lennart Hansson
met us, & Bo invited us to dinner. First we went
out to Swedish Agric. Univ. in Ultuna where we had
guest rooms & toured Lennart's Inst. of Wildlife Ecology.
Then he drove us back to town (~20:N) where we had
dinner with Petersen, & then took us 22:35 bus back
to Ultuna, ar. ~23:N.

July 17 - 09:N - left w/ Lennart for Grimsö.
Went to Enköping → Västerås → Syrahammar →

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July 17 cont

Forskningsstation

Skinnskatteberg → Riddarhyttan → Grimsö

This field station is owned by the Environ. Protection Agency & its Director is Per Angelstam. Also met Greg Merriam from Ontario and Per Rosenberg who is going to UC Davis for F & W Ecology to work with Jacqueline Schonewald-Cox.

Gave informal seminar at 13:N which w/ discussion went to ~ 14:30 ("Landscape aspects of microtine rodent ~~biology~~ ecology").

Also met Mikael Hake from Göteborg who works on landscape ecology of willow tits & Bengt Martinsson who works on black grouse & Lagopus lagopus. G. Merriam showed us most of his study sites in which he is tracking fluctuations in rodent plants - in forest, forest-edge, & open-forest edge. About 16:N we stopped at some Rödmjordon where Fe smelting was done from 400 BC to 200 AD using Fe-rich sands (dated by ^{14}C dating). Went on to Fagersta & Norberg (stay at Elsa Andersson's Campsite) & drove to Uppsala via Sala. At Sala we stopped to see Salagruva a Ag-mine dating back to 16th century; it has shafts going to 300 + m. Had dinner at Linnaeus's home.

July 18 - 09:N tourist w/ Lennart in Uppsala & Gamla Uppsala including visit to Carl Linnaeus's summer home at Hammarby ~ N 6-7 km. S. of Uppsala. Before leaving for town met Lena Berg who works on muscardinus in S. Sweden. Hansson told us that Linné wrote about 4 books about various parts of Sweden including inventories of resources, i.e. a kind of economic utilization objective - he used "economic" in his titles.

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July 18 cont.

the shop was full of pornographic literature. Back to Sweden, he travelled only to the Netherlands and England in his life, but he sent specimens all over the world to collect seeds. He had 4 daughters + 1 son. His name was Linnaeus originally however his father was a minister who Latinized his name. When he was made a nobleman he was changed to von Linné. Had dinner at the Scandic Hotel. Gamla Uppsala was one of the last important locations against Christianity. Eventually a church was built on the old heathen temple site. The river that goes through Uppsala is the Fyrisån. Light rain most of day & quite cold. From ~ 19[00] to 20[00] walked and visited one including a quick good forest - light rain most of the time.

July 19

Overcast, mostly rainy day. Leonard took us to train station & we took 09:10 train to Stockholm arriving ~ 09:50. Then was no seats so we sat in cantina car. Walked to Djurgärden Island as far as Frisens Park. Had lunch at Lilla Hasselbacken Restaurant & took entrance to Skansen. Light to moderate rain most of the time. Walked back to train station & took train to Oslo at 15:36. As we had no seat reservations, we changed seats 6 times during trip but managed to sit down the entire trip. Ar. 21:55; got bus about 22:40.

Birds seen in vic. of Uppsala & trip to Grimsö:

Mallard - 8+ Golden eye - 2

Buzzard - 1 Kestrel - 1

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Bird list cont.

Blk. Hd. Gull - ✓ Com. Gull - ✓ Wood Pigeon - ✓

Collared Turtle Dove - 1 Swift - ✓ Swallow - ✓

(Eagle Owl - 2 in captivity at Viltekologi Lab.)

House Martin - ✓ Green Woodpecker - 1 (nr. Grimsö)

Black Woodpecker - 1 heard only at Rödenjorden

White Wagtail - ✓ Red-backed Shrike - 1

Magpie - ✓ Jackdaw - ✓ Rook - ✓

Hooded Crow - ✓ Raven - 2 Pied Flycatcher - 1 ♀

Blackbird - ✓ Fieldfare - few Mistle Thrush - 1 (Ultuna)

Willow Tit - 1 (heard only at Rödenjorden)

Great Tit - 2 Tree Sparrow - ✓✓✓ House Sp. - ✓

Greenfinch - 15+ Eur. Goldfinch - 1 (Ultuna)

Birds seen at Stockholm:

Barnacle Goose - 30 (including ~~many~~ juvs.)

Mute Swan - 3 ad. + 2 broods of 4 + 5 juvs.

Mallard - 60± (all ages) Tufted Duck - 15± (all ages)

Goosander - 4 (2 groups of 2)

Lesser Blk backed Gull - 25± (incl. many juvs.)

Black hd. Gull - 65± (incl. lots of juvs.)

Com. Gull - 2 Common Tern - 6±

Arctic Tern - 6± Coot - 1 ad + 2 juvs.

White Wagtail - com. incl. lots of juvs.

Twite - com. Swallow - com. + some juvs.

Wood Pigeon - 5+ 6+. Spotted Woodpecker - 1

Blackbird - 20± Fieldfare - 2

Mistle Thrush - 1 6+. Tit - 30± incl. lots of juvs.

Blue Tit - 12± incl. some juvs. Jackdaw - 200+

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Stockholm bird list cont.

Hooded Crow - 12+ mod. sev. pairs. Magpie - 20+

Wood Warbler - 1 Chaffinch - 1 + 1 juv.

Pheasant - 3 ad + 3 juv. House Sparrow - abund.

Rock Dove - ~ n = 28

Northern Norway trip

21 - 27 July

July 21 - from Oslo to Trondheim, lv. 23:00

July 22 - Ar. Trondheim 07:20. Had breakfast in train station. Then took ½ hr. walk around town. At 08:20 got train to Bodø. Train followed E. side of Trondheimfjord to Steinkjer, & then to Grong. By Snåsa at E end of Snåsavatnet we observed many snow on the hillsides. Followed Namdalen. By Namsskogan there was much more snow on hills, and both by Majavatn which is ~ 350 m. elevation. Then followed Vefsna R. to Mosjøen (ar. 14:20). Left Mo I Rana at 16:05 & followed Rana Elva (R.) through Dunderlandsdalen climbing rapidly to divide at Stødi which is shortly after crossing Arctic Circle at 17:10 and is at ~ 700 m. Dropped down through Løns dalen to Saltfjorden at Saltdal (actually Skjerstad Fjord is this upper part). To Fauske & on into Bodø (end of train line) arriving 19[25]. Was met by Louise's 2nd cousin (twice removed) Jenny Angell. She took us to her home & after eating we walked around town (cold & blustery).

July 23 - Had good walk around town. After dinner

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July 23 cont.

at 16 00 with Jenny + her brother Kristian Os, we drove to Saltstraumen where the upper fjord (Skjerstad) empties through narrow channel into Saltfjord: quite spectacular + lots of water birds in the area. Talked with a few distant relatives of Lovise's.

July 24 - Jenny drove us to the top of nearby mountain Rønvikfjellet overlooking Bodø. We walked down + bought fancy sticks. After lunch boarded Hurtigruten ferry, the Nordstjernen, at 15:00. Ferry went on a south of Landegoden (large island) + then across Vestfjorden to Stamsund in Lofoten Islands. Arr ~ 19:05 + left 19:40. Took walk around town. Next stop Svolvaer where we also walked around (21:00-22:00). At 23:30 took short detour into end of Trollfjorden (very narrow with steep walls). Took several photos at 1/30 sec.

July 25 - Had full sleep in lounge chairs and missed stop at Stokmarknes. Was up at 03:00 for 10 min stop at Sortland. Then slept a little more but was up for our approach to Harstad at 06:05. Arr. 6:15, walked around town (without breakfast) and back on board 7:45, left 8:04. Continued on into Solbergfjorden + to Finnsnes at about 11:30. Then on N to Tromsø (69° 40' N) arriving ~ 14:15, Polar Hotel.

July 26 - Walked to S end of Tromsøya on E side, visited Nobile Memorial then at Tromsø Museum. Then continued through Folke Parken walking up W side of island about half way

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July 26 cont.

to the airport. Crossed up over top of island & found the small lake on the east (Prestvannet). Walked around the lake starting in the SE corner & then back down the hill to town & our hotel. Prestvannet should be made into a nature reserve. It is a beautiful spot with extensive marsh but there is a paved pathway & bicycle path on the W & S sides & small park structure. Since it was a beautiful day (we actually took off our jackets for hours) there were quite a few people on 2 sides of the lake.

July 27 Took city bus (no. 27) to airport & after checking in walked across to where we could see the fjord to the West. Left at 7:30 for Ålesund. Stopped briefly in Bodø. Ålesund was fogged in so we landed instead in Bergen at ~ 10:05. We were able to switch on a SAS flight to Oslo leaving at 11:30. Ar. Oslo ~ 12:30.

Bird notes: B = Bodø, H = Harstad, T = Tromsø, P = Prestvannet

Red-throated Loon - 2 (P)

Gannet - 1 imm. (just N. of Finnsnes)

Europ. Cormorant - 1 (Vestfjord)

Gray Heron - 5 (just N. of Finnsnes)

[Whooper Swan - 1 in captivity at Inst. Arctic Biol. - T.]

Mallard - 8 ♂ (Mosjøen), 1 ♂ (Fauske), 8 (Tromsøsundet), 200 ± mixed sexes & ages (P)

Europ. Widgeon - 4 (P)

Tufted Duck - 1 (P)

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N. Norway bird list cont.

Common Eider - 200+ (seen frequently from all sections, both sides, Trondheim to T.)

Red br. (fem.) Merganser - 3 (Vefsna R.)

* White-tailed (Sea) Eagle - 1 (Solbergfjorden)

Oystercatcher - 3 (Bjerka) + then seen commonly through to T.

*? Europ. Swift - 1 (br. flyglass in T., white belly noted as flew)

Whimbrel - 1 or 2 (T)

Common Sandpiper - 2 (Vefsna R.), 1+ (Fauske)

Redshank - 5 (T)

Greenshank - 1 (betw. Namsskogan + Mayavatn)

Ruff - 1 ♀ (P)

Parasitic Jaeger (Arctic Skua) - 2 (br. Svolvaer)

Long-tailed Jaeger - 1 (Vestfjord)

Great Black-backed Gull - 150+ ; from Bodø north, most com. gull in open sea of Vestfjord, com. at T.

Lesser Black-backed Gull - 2 near Bodø + then more until Svolvaer when 30± seen ; occasional individuals seen from there N + 1 at P.

Herring Gull - com from Trondheim north, by far most breeding and Bodø.

Common Gull - most abundant gull except away from shores. Noted to be most com. gull in Trondheim, seen along Vefsna R (2+) + all along way to Bodø. In Harstad juvs were heavily depended along city streets ; also around around T with lots of juvs. (+P)

Black-headed Gull - many seen in Trondheim but less com. than Com. Gull. Last one seen at Bjerka.

Common Tern - 1 (Mosjøen), 20± (Mo i Rana) + lower Ranaelvá

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N. Norway bird list cont.

+ probably seen further N, but none definitely identified as this species beyond Nordkyn.

Arctic Tern - many undistinguishable from Bodø north but those definitely identified from Lofotens north were of this species. Com. around T. + large breeding colony (60+) at P (many individuals carrying small fish)

Kittiwake - 3+ (Vest fjord)

Black Guillemot - 1 (Saltstraumen), 1 (nr. Svolvaer), + 1 (below Finnsnes & T.)

Puffin, Atlantic - 50+ (SE side of Landegode Island)

Rock Dove - seen in almost all towns incl. T + at P.

Wood Pigeon - occ. - B seen & 2 at T.

Collared Turtle Dove - 2 B

Swift - 10± (Trondheim), 3+ (B)

Sand Martin - 20± (T)

Swallow - occ. seen on way to Bodø but not optimum

House Martin - seen at least as far N as Harstad

Tree Pipit - 2 (T)

White Wagtail - 3 (Rørkland) + seen all the way to T.

Starling - 6 (T) - heavily speckled adults - 3 + 3 juvs.

Magpie - seen at all stops except south Stamsund + Svolvaer

Hooded Crow - at almost all stops except family Lofotens

Icterine Warbler - 1 (B)

Willow Warbler - 3+ (H), 3+ (T)

Chiffchaff - 3+ (B) + 1? heard singing briefly at T.

Fieldfare - 1 (Trondheim)

unidentified thrush - 1 (T)

(cont.)

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N. Norway bird list cont.

Willow T: 7 - 10± (T)

House Sparrow - com (B), few Lofoten, 1 (T)

Siskin - 10± (B)

Twite ? - 1 (T)

Redpoll - 5+ (T)

Rustic Bunting - 1 (H); same color pattern & behavior as Evenstad 1 adult ♂ July 13

n = 51

Evenstad - 29 July to Aug. 3

July 29 - Took 15 42 train from Oslo with Jakub Szacki. Br. Evenstad ~ 19 10. Harry A. met us. After dinner we rowed across the Glåma (= Glomma) to where the research group has a house for the rest of the summer ("Bratthøj"). At ~ 23 00 I canoed back to the skogskole side (E) where I was staying.

July 30 - Opened traps in all the enclosures to start this week's trapping session. From ~ 10 45 to 14 00, Harry, Jakub & I set out snap traps in the forest to the East of the railroad tracks. We crossed the tracks to the E. of enclosure #7 & climbed up the mountain toward a clearcut which we never quite reached. The river is at 250 m. elevation & we climbed to probably over about 400 m. The traps we used were strong snap traps. Jakub & Harry used apple for bait & I used a mixture of muesli & a small amount of peanut butter. At the highest elevation we set 20 traps (J-5, H-5, B-10) in mature forest with some rocks & lots of moss, lichens, etc. Trees were mostly spruce with some pine and birches.

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July 30 cont.

Then we set 20 traps at about 50 m lower elevation along a small creek (bobtail): J-5, N-5, B-10. Some of my traps were set for water shrews (Neomys). Our third location was in a dry pine forest with the forest floor covered with bed of lichens. This was an experiment as it did not seem like a good place for small mammals. We dug into the lichens to set some of the 20 traps (J-5, N-5, B-10). This was only slightly lower than the bobtail location. Fourthly we set 20 traps (J-5, N-5, B-10) along the edge of the dirt road we were following - Nick Lunsky negotiated along a track edging the forest. Lastly, we set 30 traps (10 each) in good forest between the road (paved) and RR tracks. It was not quite as moderate as the one higher up, but it had an excellent moss cover, with rocks, logs, etc. We were looking especially for Myotis sodalistes + Hoary Bat. This would be good habitat although we didn't actually find any deep in the sign of them. This gave a total of 50 traps w/ peanut butter-muesli + 60 wire apples (ā). Saw 1 (ow2) of ♀ Alces (alg)

In the late afternoon we packed + went for a swim in the river (quite cold but refreshing). After the trap check + the enclosures, I hiked up to check our snap-trap lines (21:30 - 22:50). Now that it is getting dark so much earlier, I actually needed a flashlight to find traps + the Hoary forest along the bobtail. I found ½ the traps + the lower forest line, all those along the road + all of those along the bobtail. I didn't even try for the

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other 2 locations, because it was so dark (& we used blue markers for the traps). Caught 1 Clethrionomys in the wood-side line in a trap (ϕ-m) and many shrews & 1 lg. unmarked shrew. This ♀ (WZL #4084) was already damaged by the larger ones. Light rain on walk back. Saw, but. Saw + heard what was probably a fox.

July 31 - Rain during the night, heavy with wind causing a 5-6 hr. power failure in the whole area. Lightning strikes even started the drains. Cleaning and drying in morning but vegetation dripping wet. Checked enclosure traps. From 10:30 to ~13:00 Jackie + I checked all the small traps. Catch:

upper meadow point - Clethrionomys - 3 (2 ϕ-m, 1 a) (#4099 to 4101)

Sorex arcanus - 5 (2 ϕ-m, 3 a) (#4078-82)

brook - Clethrionomys - 3 (2 ϕ-m, 1 a) (#4102-4104)

rd-side - Clethrionomys - 1 ♂ (ϕ-m) #4085

lower mossy point - Clethrionomys - 4 (2 ϕ-m, 2 a) (#4105-4108)

Sorex - 1 (a) #4077 catch = 18 so far.

While skinning the shrews, I noticed that in all cases the 88 had brown tails (scales easily visible + no pencil), & the 94 had grizzly furred tails (prominent pencil, etc.) Checked grid #7 traps early (19:00-20:30) so I would have more time to check the slug-drift lines. Checked whole line by myself (#4083) (20:30 to 22:00). Upper point - Sorex arcanus - 1 (ϕ-m) : 20:30 to 20:45. Brook line (20:50 to 20:55); drift line point (21:00 to 21:10); rd-side (21:15 - 21:20); lower point (21:20 to 21:30) - 1 Clethrionomys (ϕ-m) #4086. Light rain in early morning. Lots of Alces sign, some deer + squirrel, & few carnivore scats.

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July 1 - Checked traps on grid no. 7 (9[15] to 10[00]), opening all traps as this is end of this trapping session. Picked up snap-trap line (10:15 to 12:15) with help of Jørun (Harry's fiancée for 8 years). Saw 2 roe deer in Cadet. forest.

upper forest - Clethrionomys - 1 (f-m) (#4091)

red-sided - Clethrionomys - 1 (a) (#4090)

Microtus sp. - 1 (f-m) - This was taken away mostly by stomp only a few m. from where C. & Lars taken (July 30). Two kinds of report (WZL #4089).

lower forest - Clethrionomys - 1 (f-m) #4088

Sorex minutus - 1 (f-m) . WZL# 4087

λ = 5 for total of 25 on this line.

Took several photos of trap lines etc.

Skinned animals most of day. Louise arrived on the 16:07 train from Oslo.

After early dinner of rømmegrøtte at Brattbakk, Harry took me & Takuko in his car to our snap trap & trap characters. We drove on logging roads E. into the forest & found 2 characters with good vegetation cover in which to set. We estimated these on a topographic map to be 1½ km E. Elevated at about 335 m. The upper one was slightly older & had good cover of spruce, herbaceous vegetation, ~~and~~ raspberries, etc & was on a fairly steep slope. We set out 45 traps (H-15, J-15, L&B-15) with cyan H & J mainly apple for bait & I used the f-m. The lower character had more grass, fewer spruce, & lots of raspberries (delicious). Set 45 traps here also (H-15, J-15, L&B-15). This gave a total of

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30 w/ ♂-m, + 60 with others.

Aug. 2 - Another warm + clear day. Harry, Louise, + I heard M. about 10[00] to find out plans in the afternoon.
Catch: Upper Line - Clethrionomys - 2 (2 a), 1 on edge of forest caught by H; J. caught the other on plots 1 Song Thrush (WZL # 4096-97).
Lower Line - 2 Clethrionomys (1 ♂-m, 1 a) (Harry caught 1 in a trapline M. set) (# 4094-95)
Sorex araneus - 1 (a) # 4093
S. minutus (?) - 1 (♂-m) # 4092
At ~ 15:30 Harry, Jorun, Kjell (Isaksen), Louise + I drove into the mountains to the West of Østerdalen. We took the road called "Birkebeinerveien" over into the edge of Gudbrandsdal. About 1 km below the crest (at 1090 m) we stopped to look around the alpine tundra. We noted some snowbunting in a boggy area on the edge of a willow thicket + we saw 30 ring ouzels w/ 20 bait (H saw 15, Kj - 5, + I saw 10). We estimated this to be at about 1000 m elevation. The tundra vegetation has clots of dwarf birches + willows + Salix, mosses + grasses. Trap set at ~ 16:45. Continued on to Ljøsheim where we had dinner at a restaurant called "Hygga". Did some bird-watching along the way. Returned to our traps + picked them up at 21[15] to 21[30] so they were out for about 4½ hrs. Caught 1 Sorex araneus only (WZL # 4098). Returned to Evenstad ~ 22[00], + L. + I ramond back across the Glåma.

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Aug 13 – Skinned most of day except for trips across the river for breakfast & lunch. The white house that the group rents for a base is called "Brukka". Light drizzle before Hans, Jon, + Kjell took me to make it 19[25] train which was 35 min late. We finally got home to Oslo ~ 23[30]. Before leaving I also skinned a Microtus (Arvicola agrestis) - no. 4109 that had been caught in the garage next to the Brukka when I had arrived (June) also caught was Microtus.

Results of bird experiment:

species	f-m	bait	a.	total
Clethrionomys	12		8	20
Microtus	1		0	1
Sorex	5		5	10
	18		13	31
trap nights	130		180	310
(catch/trap nights) 100	13.8		7.2	
exp. catch based on 20 trap nights	13.0		18.0	31.0

χ^2 test gives $\chi^2 = 3.31$ + $p = .069$

Combining by catch/100 trap nights gives χ^2 2.23 + $p = 0.136$

Reject hyp. that effic. is better than f-m; cannot reject H_0 that they are =.

Bird list for trip: (E = Evanstad; B = [illegible] Birkebeinervaian; G = Gudbrandsdal side of mtns.)

Grey Heron - 1 (E) Mallard - 2 (Glåma R.)

Europ. Teal - 7 (B) + 1 (G)

Tufted Duck - 6 (B) Goldeneye - 4 (B), 2 (Glåma)

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Expanded bird list cont.

Oldsquaw - 1 ♀ (B) — Lapwing - 2 (E)
Golden Plover - 2+ (B) — Com. Gull - 1 (E)
Blk. Hd. Gull - 3 (G) — Wood Pigeon - 4 (E)
Swift - 35± — Skylark - 2+ (E)
Sand Martin - 2+ (E) — House Martin - 20±
Swallow - 25± — Tree Pipit - 1 flidging in trap in lower forest trapline
Meadow Pipit - 40± (B) — Yellow Wagtail - 50± (E)
White Wagtail - 60± — Magpie - 10+
Willow Warbler - 40± — Flycatcher, spot. Spotted - 1 (E)
Wheatear (?) - 2+ (E) — Whinchat - 15± (E)
Song Thrush - 1 (in trap in upper clearcut line)
Fieldfare - only 1 (E) — Willow Tit - 30±
Tree Sparrow - 15± (E) — Chaffinch - 1 ad. + 1 juv. (E)
Bullfinch - 1 (G) — Twite - 2 (E) — n = 32

Oslo - Aug. 5

Took ferry to Bygdøy about 11:00 + walked to bay on S. side of peninsula enough of Lillevik Store Herbern (islands) to about 12:15. Visited Sjøfartsmuseet. Rain squalls most of afternoon. Returned to Akerbrygge (15:08) + took trykk to Holmenkollen. Hid "coffee break" indoors in light rain. At 18:35 took train to ~~Engelsrud~~ Voksenkollen sta. Walked west S. end of Øvresetertjern (which was frozen over the last time I saw it) + took trykk back down from Frognerseteren at ~18:33. Stopped at Universitetet to take several flash photos of chimp sculpture in Bonnevalsbus.

(cont.)

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Aug 7 cont.

Bird list: (B = Bygd fly ; F = Fregatt-eksemplar ; H = Holmen-kollen)

Canada Goose - 6 (B)	Mallard - 2 (H), 5 (F)
Oystercatcher - 20± (B)	2 sm. unident. sandpipers (B)
Gt. BB Gull - 2 (B)	Lesser BB. Gull - 5+ (B)
Herring Gull - 15±	Common Gull - 20±
Blk Hd. Gull - 50±	Com. Tern - 50±
Arctic Tern - 3+	Wood Pigeon - 10± (B, H, F.)
Rock Dove - 5+	House Martin - 20±
Swallow - 10±	WL Wagtail - 40±
Starling - 12± (B)	Magpie - 20±
Hooded Crow - 5± (B, F)	WL. Thrush - 1 (B)
Willow Warbler - 1+ (B)	Wheatear - 1+ (B)
Blue Tit - 10± (B)	Gt. Tit - 2+ (B)
Tree Sp. - 1+ (B)	House Sparrow - 25±

n = 26

Aug. 8 - Niels picked me up at 06:00 + took me to airport (Fornebu). Flew out of Oslo 08:15 to Heathrow, transferred to Gatwick. Left London for Atlanta ca. ~16:30. Rented car + rain storm + headed for N. Augusta. Got as far as Madison exit + to 20 before jet lag forced me to get a motel.

Aug. 9 - Continued on to N. Augusta, S.C. + to SREL.

Aug. 10 - A PM. Malcolm couldn't took me to the Cathwood Arboretum Sanctuary for a quick look at the Wood Storks there.

Aug. 11 - Jo Ann walked along Railroad Rd (nr. Savannah R.)

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= N. Augusta + then moved to Aiken where we stayed with Mike + Irma Smith.

Birds seen - Aiken - N. Augusta area (9-11 Aug):

Gt. B. Heron - 1	Great Egret - 30±
Cattle Egret - 15±	Little Blue Heron - 2
Green Heron - 1	Wood Stork - 150±
White Ibis - 3 (all juvs)	Common Gnat - 1
Black Vulture - 8	Red. shouldered Hawk - 1
* Mississippi Kite - 2 ad. + 2 juv. (N. Augusta)	
Broad-winged Hawk - 1	Belted Kingfisher - 1
Killdeer - 20±	Solitary Sandpiper - 1
Willet - 1	Spotted Sandpiper - 1+
Gt. Yellowlegs - 1+	Lesser Yellowlegs - 15±
Pectoral Sandpiper - 6	Least Sandpiper - 10±
Semipalmated Sandpiper - 5±	Rock Dove - 2+
Mourning Dove - 30±	Chimney Swift - 20±
Ruby-thr. Hummingbird - 4	Pileated Woodpecker - 1 (N. Aug.)
Red-bellied Woodpecker - 2	Downy Woodpecker - 1
Barn Swallow - 5+	Blue Jay - 5+
Com. Crow - 20±	Carolina Chickadee - 5+
Carolina Wren - 12+	Mockingbird - 50±
Brown Thrasher - 8±	Robin - 1
Yellowthroat (?) - 1 heard	Starling - 30±
Yellow-throated Vireo - 1	* Connecticut Warbler - 1 (N. Aug.)
House Sparrow - 10±	Com. Grackle - 20±
Brown-hd. Cowbird - 4	Cardinal - 25±
Indigo Bunting - 2	Rufous-sd. Towhee - 1

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Aiken, S.C. to Berkeley, California thru (12-21 Aug.)

Aug. 12 - Left Aiken 09:00 to drive to California.
To Salude - Hwys. 1, 392, 39; to Newberry &
I 26 on Hwy 121. I 40 to I 81 to 25E to
Cumberland Gap (lunch near Asheville, N.C.) arriving
~ 15:30. Birds seen or heard noted: Loggerhead Shrike,
Mourning Dove, Robin (1), Meadowlark, C. Grackle,
Cardinal, C. Crow, Gd. B. Heron, Bluejay, T. Vulture.
Near Ridge Spring, saw a Sycamore on roadside.
At Cumberland Gap, we drove to the Pinnacles
Lookout + back (15:30 to 16:45). Total birds seen:
Rd. sh. Hawk - 1 before, shortly, arriving at Park
T. Vulture - 5, Black Vulture - 1, C. Crow - 2. It
was so quiet & birdless it was eerie.
Continued to I 75 & on to Lexington, Kentucky.
Had dinner in Richmond, Ky. Stayed overnight with Wayne &
Shirley Davis. Heard Com. Nighthawks.

Aug 13 - Wayne took us to Univ. Ky farms & showed
us his Microbes ecology/genetics research plots & also his
blueberry study area. He has designed a bird house for
Bluebirds that is now used by House Sparrows. Also visited
Wayne's Dept. at UK. Met a few students & Ray Collins
(Jim? Clark). Had lunch & some cold tomatoes from Wayne's
garden & headed toward Louisville at 13:45. Took Hwy
60 & I 64 & continued W. through southern Indiana.
Took Hwy 62 at Leavenworth exit to St. Croix &
back to I 64. Birds seen up to the Leavenworth turnoff for the day:
Bluejay, Carolina Wren, Tufted Titmouse,

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Aug. 13 cont.

Mourning Dove (com.), C. Crow (few), Starling, House Sparrow, E. Meadowlark (1), Am. Goldfinch (1), Cardinal, Red H. Hawk, Kestrel, Gd. Bl. Heron (1 W. of Lexington). Saw four Canada Geese flying to west to I 64: Tufted Titmouse, Downy Woodpecker, E. Kingbird - 2, E. Wood Pewee, Yellow-billed Cuckoo, Vesper Sparrow, Swainson's Thrush - 2+, Blue Jay, Indigo Bunting, Goldfinch (10), Robin, Barn Swallow, Loggerhead Shrike, Black Vulture - 2, T. Vulture - 2, Field Sparrow - 1 (singing). As road is the next two Dale saw 1 ♂ Summer Tanager.

Took hwy 231 to Lincoln Memorial Park where we walked around for about an hour & then drove to Santa Claus, Indiana, & on to Owensboro, Ky where we spent the night. Birds seen from Lincoln Pk. to Owensboro: Com. Nighthawk, Rock Dove - 2, Mourning Dove - abund., Yellow-bill. Cuckoo - 1, Chimney Swift - 20±, Red-bel. Woodpecker - 8+, Hairy Woodpecker - 1, Downy Woodpecker - 6, E. Wood Pewee - 15±, E. Kingbird - 2, Barn Swallow - 25±, Blue Jay - 5+, Com. Crow - 5+, Carolina Chickadee - 8, T. Titmouse - 8, White-breasted Nuthatch - 3+, Carolina Wren - 2, Robin - 15±, E. Bluebird - 2+, Starling - +, * Kentucky Warbler - 1, House Sparrow - 12±, Baltimore Oriole - 2, Com. Grackle - 5+, Cardinal - 30±, Indigo Bunting - 2+

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Aug 14 - Took Hwy 60 to Hendersonville stopping at Ben Hawes, St. Pk. for a Lady Lr. walk on one of their nature trails (08:30 - 08:55). Saw & heard:

Yellow billed Cuckoo - 2	Summer Tanager - 2
Yel. thr. Vireo - 2	Chipping Sparrow - 2
Redwing. +	Com. Grackle - +
Cardinal - +	Purple Martin - 300+
Downy Woodpecker - 5	Hairy Woodpecker - 1
Red bel. Woodpecker - 2	Carolina Chickadee - +
Wh. br. Nuthatch - +	Mourning Dove - +
Wood Pewee - +	Least Flycatcher - 1
Flicker - +	Com. Goldfinch - +
Red H. Hawk - 1	E. Bluebird - +
E. Kingbird - +	Mockingbird - 2 T. Vulture - 1

Drove on to Savannah Wildlife Management area (SW of Hendersonville on Hwy 60 & then ~5 mi. further W). This area was mostly farms & devoted to farming. We saw only Barn Swallows, Cowbirds - 3, & Kentucky Warbler - 1 heard.

Then we returned to Hendersonville & crossed Ohio R. to Evansville, Indiana & then went W on state Hwy 62. Before doing this we stopped at the Audubon Park just N. of Hendersonville (11:30 - 14:00). It was great; we loved to go back. We walked the "wildflower" lake trail, "lake overlook trail" & "coffeetree trail". Birds seen:

E. Kingbird - 1	Wood Pewee - 30±
Crested Flycatcher - 2	Alder (Willow) Flycatcher - 1
Yel. bel. Cuckoo - 6+	Blk. bl. Cuckoo - 1 (heard only)

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Aug. 14 cont.

Bl-gr Gnatcatcher - 10± Downy Woodpecker - 8±

Pileated Woodpecker - 2+ Red bl. Woodpecker - 5±

Red bel. " - 4 Flicker - 4

Robin - + House Sparrow - + Starling - +

Com. Grackle - + Mocking bird - 2

Mourning Dove - + Blue jay - +

Green Heron - 2+ Tufted Titmouse - +

C. Chickadee - + WL. br. Nuthatch - +

Ruby thr. Hummingbird - 2+ Cardinal - +

C. Swifts - + Red sd. Towhee - 4+

Stopped for lunch just W. of Evansville. Took hwy 69 to Mt. Vernon to the Hovey Lake State Game Preserve. Took gravel lane from Lookout tower & then down along a dike for ~½ mi. and back. Very hot. Few migrants. Shorebirds, herons common with water lilies & some marsh.

Sav. Gd. Bl. Heron - 2 Indigo Bunting - 10±

Song Sparrow - 6± Carolina Wren - 1

Yellow Rump - 1+ Rough-winged Swallow - 80±

Purple Martin - 20± Cardinal - 1

T. Titmouse - 1 Red-headed - 1 Mourning Dove - +

Returned to Hwy 62 & went west into Ill. on Hwy 141 to [redacted]. Hwy 1 to 45 to 14 to McLeansboro (icecream stop) & to Mt. Vernon. Bella Riva - 1 mi. Red H. Hawk near Oddyke - Kestrel. I 64 to I 255 to I 270 to Ill 3 to Alton & on to Godfrey where we got a motel & had dinner. It was quite late before we stopped.

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Aug 15 - Hwy 267 to Jacksonville where we had breakfast.
Hwy 16, 100 N, crossed Illinois R. into Calhoun Co.
to Kampsville, 96 W + then N to Kinderhook. Heavy
rain between Kampsville + Baytown. Stopped at Ripap
Access to Mississippi R. - nice swamps + view from river
(between Baytown + Bellview). Birds seen in this area:

Gt. Bl. Heron - 8+ Gt. Egret - 25+
Little Bl. Heron - 2 imm. Green Heron - 5+
Wood Duck - 4 Mallard - 5
Bl. winged Teal - 1 Red th. Hawk - 1 juv.
Killdeer - 10+ Gt. Yellowlegs - 2
Pectoral Sandpiper - 15± White-rumped Sandpiper - 1+
Baird's " - 3+ M. Dow. - 10+
Robin - 2+ Black-billed Cuckoo - 1 (heard)
Belted Kingfisher - 1 Flicker - 2+
Red-bel Woodpecker - 1 Red hd. Woodpecker - 15±
Downy " - 2 Wood Pewee - 5+
Barn Swallow - 5+ Rough-winged Swallow - 60±
Blue Jay - 2+ Com. Crow - 1
Tufted Titmouse - 8± Carolina Wren - 2+
Yellowthroat - 1+ Red-eyed Vireo - 1 (heard)
Prothonotary Warbler - 2 Yellow Warbler - 1 (heard)
Am. Goldfinch - 2+ Red-wing - 1
Com. Grackle - 10± Indigo Bunting - 6± Song Sparrow - 12±

Hwy 36 to Hannibal, Missouri where we had lunch.
Walked around lighthouse + Riverview Park briefly. Birds
seen around Hannibal: Blue Jay, Wh. br. Nuthatch,

LIDICKER
1990

Aug 15 cont.

Indigo Bunting (4), Chickadee, C. Swift, + Crescent Flycatcher (1). Headed W on US 36 ~ 14:00. Stopped briefly at Chillicothe rest stop: 2 fox squirrels, Bluejay, Red hd. Woodpecker (2), Robin (2), Indigo Bunting, Barn Swallow, + House Sparrow. Snack - Chillicothe. I. 29 - St. Joseph N into Iowa. Near Craig, Mo. saw 1 Prairie Chicken. Storm clouds to W. but finally pleasant weather. Took Hy 159 across Missouri R. into Nebraska + N. on US 75. Got into edge of heavy rainstorm. W. on US 34 to Lincoln. Stopped at 6th. Plains, Motel (great) on 27th + "O". At dusk walked around Wood Park, listening to Nighthawks, + then had dinner.

Aug 16 - Didn't get on road until ~ 10:00. Took I 80 W to Grand Island. In York Co. saw one first Yellow headed Blackbird, 1 the trip (8). At 27 mi. E. Grand Island saw 3 Cliff Swallows. Hy 281 N to 2 + W. to Ravanna St. Rec. Area. Stopped here 12:30 - 13:00. Saw: Bluejay - 3+ Mourning Dove - +, House Sparrow - 2+, E. Kingbird - 10± W. Kingbird - 2+ Downy Woodpecker - 1 Yel. sh. Flicker - 2 Red hd. Woodpecker - 10± Wh. br. Nuthatch - 2 Rough-w. Swallow - 50± Bank Swallow - 2+ Barn Swallow - 10± Brown Thrasher - 2 Robin - 10± Wilson's Warbler - 1 (heard) Mallard - 1 ♀ C. Swift - + Baltimore Oriole - 1

LIDICKER
1990

Aug. 16 cont.

Warbling Vireo. 1 family heard

Hgwy 2 detour: to 68, L-82 to 10 to Loup City, 92 to Ansley. Continued on to Broken Bow where we had lunch. 14:20 - 14:40. Still seeing E. Kingbirds regularly. W. meadowlark between Anselmo + Dunning. Stopped briefly at Nebraska Nebl. Forest + Thomas Co. We didn't see any forests here, but did see a large flock of sparrows, about 30 around to the Clipping Sparrows + at least 5 more sparrows: size + shape of Clipping's but had finely but distinctly streaked breasts, faint or no supercilium + at least 1 bright line over crown. It was very hot. Cont. N. on US 83 stopping several times in the Valentine Natl. Wildlife Refuge to look at birds, particularly 2 lakes ~2½ mi. S of the S border of the refuge, + again in the refuge. Went on to US 20 + into Valentine. Got motel (Rainis) + then went to Fort Niobrara Wildlife Refuge, ar. ~20:00. Looked around until ~21:00 when we found Jerry Wolff returning from his bison study area (with Marjorie from Charlottesville) Jerry joined us for dinner in Valentine + then for discussions later. Saw at refuge: lots of Black-tailed Prairiedogs, bison, elk, long-horned cattle. Some Sylvilagus sp. See Aug. 17 for bird list.

Aug. 17

Breakfast at "Chat 'n' Chew" restaurant when coffee including refills = 1.5¢; full breakfast for two came to $2.26. Met Jerry at the refuge at 08:00 +

LIDICKER
1990

Aug 17 cont.

he took us out to Big Lisbon Road where we spent a couple of hours among his "friends." With the jeep the lisbon ground was so we could drive around working whichever individuals we wanted at first 5 m or less distance. Drove back south to Valentine Wildlife Refuge & went in (S-16B) to the "headquarters" near Hackberry Lake. It was already over 90° F & dissipating the flies were so few birds around, especially after seeing so much yesterday along the highway. Took look at Hackberry, drove along south & N. shore to E. end, also the Lake to the north of "HQ", & then visited at Big Alkali Lake hunting waterfowl on the way out. Back in Valentine had lunch at the Chat 'n' Chew & then headed W on US 20.

Birds seen in the Valentine area (Aug 16-17):

Pied M. Grebe - 40±	Eared Grebe - 2
W. Pelican - 6	Dbl. cr. Cormorant - 20±
Gt. B. Heron - 2	Blk. cr. Night Heron - 1
Canada Goose - 10	Mallard - 50+
Pintail - 15±	Gr. w. Teal - 1+
Bl. w. Teal - 100±	Shoveler - 30±
Wood Duck - 2	T. Vulture - 1
Swainson's Hawk - 2	Marsh Hawk - 1
Prairie Falcon - 1 (Niobrara R. bluffs, N. Wildlife Refuge)	
Kestrel - 1	Killdeer - 25±
Upland Sandpiper - 1	Spotted Sandpiper - 3
Solitary Sandpiper - 8±	Gt. Yellowlegs - 1

LIDICKER
1950

Aug. 17 cont.

Lesser Yellowlegs - 15± Pectoral Sandpiper - 20+

White-rumped Sandpiper - 1, Baird's Sandpiper - 1+

Least Sandpiper - 2+ (identifying characters + habitat) Semipalmated Sandpiper - 2+

L.bl. ↑ Dowitcher - 15+ Stilt Sandpiper - 10+

Wilson's Phalarope - 120+ California Gull - 20+

Franklin's Gull - 5 Black Tern - 15+

Mourning Dove - 150+ Burrowing Owl - 1

Com. Nighthawk - 20+ Yellow-sh. Flicker - 10+

Red-hd. Woodpecker - 5+ Downy Woodpecker - 1

E. Kingbird - 45+ W. Kingbird - 2

Least Flycatcher - 1 Horned Lark - 5

Barn Swallow - 50± Bluejay - 2+

Chimney Swift - 2+ Com. Crow - 30+

Robin - 20+ Loggerhead Shrike - 1

Warbling Vireo - 1 Yellowthroat - 2+

House Sparrow - 15± W. Meadowlark - 30±

Yellow-hd. Blackbird - 10± Red-wing Blkbird - 40±

Baltimore Oriole - 5 Common Grackle - 20±

Br.-hd. Cowbird - 35± Bobolink - 1 ♀ (Niobrara Refuge)

Am. Goldfinch - 25± Lark Bunting - 40±

Lark Sparrow - 2+ Rufous-sd. Towhee - 1

Also saw White-tailed deer at Niobrara Refuge.

Cont. W on US 20 to Merriman + then N on hgwy 61 + S.D. 73 to Martin; hgwy 18 to Oelrichs + 385 to Hot Springs where we stopped for a snack. Over this stretch we noted: Swainson's Hawk - 1 in Neb., + 2 in S. Dak., 1 rough-leg + 1 kestrel also in S.D.

LIDICKER

1990

Aug 17 cont.

We stopped at Wind Cave Natl Pk. but could not get on a tour of the cave so we continued north to Custer State Pk. We took the 18 mi. Wildlife Rd. & it was dark before we could make it around - beautiful drive well worth the $6 entrance fee. Took US 16 to Custer where we got a motel - with some difficulty. Saw lots of Blk.-tailed prairie dogs in the parts of ~50 bison including quite a few lone males. Also saw chipmunks in several places. Birds seen:

Mountain Bluebird - 20± Western Bluebird - 1

Red-wings (all ♂) - 25± Com. Nighthawk - 50±

Flicker - sev. yellow-shafted + 1 red-shaft. Hybrids

Yellow-rumped Warbler - 12±, Brewer's Blackbird - 1 pr.

Brewer's Sparrow - 10± (slender, long-tailed, pink legs, striped(?) ear crown; some lightly streaked?)

White-winged Juncos - 1 + sev. heard

Western Tanager - 1 ♂ + 1 ♀

W. Kingbird - 2+, Barn Swallow - 25±.

Red br. Nuthatch - 1 heard, Grasshopper Sparrow - 1 sang 2x

Chickadee - heard, Ruf.-sided Towhee - 1 ♀ + 1 ♂,

w/1 ♂. B. Hd. Cowbird

Aug. 18 - Left Custer 08:35 + drove E on US 16 to Stokata Lake, the N. on 87 to US 385 to 85 to Deadwood to I90 + the W. into Wyoming. Birds noted:

Red br. Nuthatch - 1 Dk. cr. Cormorant - 2 (Stok. L.)

Sora - 2 ads. (1 bill of downy) - Stok. L., Mallard - 5,

Pintail - 1, Lup. S. Dak. ~12:07. Barn Swallow + Also chipmunks

+ Red Squirrel - 2+ + 1 DOR.

LIDICKER
1990

Aug 18 cont.

Had lunch in Moorcroft, Wyo. (coffee = 10¢).
Stopped briefly at rest stop along Powder River (Johnson Co.). Up to this point noted only E. Kingbird - 1, + Brewer's Blackbird - 1. At the rest stop (14:30) there was cottonwoods + Typha but almost no open water. Very hot. Only bird was 1 ♂ Hairy Woodpecker - seen + heard very well. Cont. on I 90 to US 14 (N. of Sheridan). A few mi. W. Dayton saw 1 Ferruginous Hawk (good look), 6 + Bl Herons on nest, Dk. Cormorant - 3. By 16:30 we were climbing up into the Bighorn Mts. Mountains saw: 2 ♂ Mtn. Bluebirds together + separately + group of 3 ♀♀. Also 5 + mule deer + 1 DOR fawn. Passed through Granite Pass at 17:10 which is just below treeline. 1 DOR porcupine. At 17:45 stopped at Shell Falls where we stopped briefly + saw 2 possible Purple Finches fly over. W. of Greybull saw 2 Golden Eagles. Cont. on US 16 to Cody where we got motel for the night. There were two large storms on either side of us as we approached Cody. Drove back E of town a ways to look at 3 large ponds with lots of ducks. Huge rainbow.

Aug 19 - Got up early + went back for a look at the ponds but there was less activity + it was cold + windy. Went back to Cody for breakfast + then continued West toward Yellowstone. Birds seen in the Cody area: Comm. Magpie - 1 (20 mi. E Cody)
Yel Hd. Blackbird - 1+ Brewers Blackbird - 10+

LIDICKER
1990

Aug. 19 cont.

Red-w. - 40+ | Pintail - 10+

Baldpate - 6+ | Goldeneye - 2

Redhead - 30+ | Ruddy Duck incl. both of below - 40+

Cinnamon Teal - 10+ | Blue-w. Teal - +?

Shoveller - 5+ | Mallard - 60+

Clark's Grebe (incl. some eggs.) - 30+

Eared Grebe (incl. some eggs.) - 20+ Watched a adult feeding a juv.

Killdeer - 1 | Wilson's Phalarope - 5

Barn Swallow - 100+ | G.B. Blue Heron - 1

Mid. dark hummingbird - 1 | Herring Gull - 2

California Gull - 5 | Coot - 2

Lincoln's Sparrow - 1 | Mourning Dove - 10+

E. Kingbird - 2+

Buffalo Bill Lodge - Map pin - 3. Drive into Yellowstone, over Sylvan Pass, stopped briefly at Sylvan Lake & several places along N. shore of Yellowstone Lake. Had lunch at Lake Lodge. Checked out Old Faithful - Rain & cold, & exited the Park at West Yellowstone, Montana. Stopped for snacks before continuing SW on U.S. 20. Seen in Yellowstone Nat. Pk.:

Yel bel Marmot - 2, Pika - 1+ (Sylvan Pass)

Red Squirrel - 5, Chipmunks - 5+

Bison - 20+ Lots of prongs.

Trumpeter Swan - 1 fr. ad. + 2 juv.

* Barrow's Goldeneye - 75± (NE Yellowstone Lake) - all in 1 large flock; ~⅓ ♂♂ all in eclipse - excellent views!

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Aug 19 cont.

Mallard - 50+ — Amer. Merganser - 3 (Sylvan L.)

Cinn. Teal - 5+ — Bufflehead - 2

Baldpate 3 + (Madison R.)

Redhead (ind. sgt.) - 1 (Sylvan L.), 10+ (Yellowstone L.)

Canada Goose - 15 + 7 + 5 (Madison R.)

G+, Bl. Heron - 1 (Madison R.)

N. Raven - 10+ — Lincoln Sparrow - 1

Clark's Nutcracker - 5 (Sylvan Pass + Lake)

Townsend's Solitaire - 3 + (Sylvan Pass)

Red br. Nuthatch - 3 + (Sylvan Pass), Mt. Chickadee - 20+

Dk.-eyed Juncos - 10+ — Yellow-rumped Warbler - 15+

Wilson's Warbler - 3+ — Western Tanager - 1

White Pelican - 10+ — D. cr. Cormorant - 18+

Calif. Gull - 20+ — Killdeer - 3

Barn Swallow — Gray Jay - 2

Brewer's Blkbird - 40± — Yel. hd. Blackbird - 20+

Belted Kingfisher - 1+ — Downy Woodpecker - 2+

? Rail, unidentified - 1 Landing, w/ call fitting Yellow Rail better than Virginia especially the slurred ending.

Ruby cr. Kinglet - 1

Drive on to Idaho falls arriving ~ 19:30. Cont. W. on US 20 to Arco.

Aug 20

Cont. on US 20. Visited Craters of the Moon Natl. Mon. 08:00 - 9:50. Overcast & cold. Birds seen:

Prairie Falcon - 1 — N. Raven - 2

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Aug 20 cont.

Pinyon Jay - 4 — Mt. Bluebird - 1
Red. sh. Flicker - 1 — Audubon's (Yel. rumped) Warbler - 1
Rock Wren - 2 — Brewer's Sparrow - 4
Mt. Chickadee - 4+ — Brewer's Blkbird - 5
Towhee - 2 (Green, Rufous sided but pale brown, sl. rufous flanks, tail long + black w/ white on tail feathers; sparse - call).

Along river: Chickaree - 2 ; Golden-mantled ground Squirrel - 1, Chipmunks - 8+. Pikas are supposed to occur here, but we did not see any. Between the North Fork + Camp. + Goodale's Crossing saw Red-t. Hawk - 3, Canada Geese - 30+, Mallard - +, Cinn. Teal - +, Baldpate - +, Com. Goldeneye - 3, Brewer's Blackbird - 1 + lots of unident. ducks. The wind was too strong to look binoculars steady. A few miles further W we found with flood + recorded: T. Vulture - 1, Am. Coot - 20+, Mallard - 5+, Cinn. Teal - 10±, Red. sh. Blackbird - 15± + Brewer's Blackbird - 1. From Camp to Fairfield we noted only Nighthawk - 1, Magpie - 2+, Barn Swallow - +, unid. Swallow - 1, Brewer's Blkbird - +. At Mountain Home we got on I 84 + went NW to have lunch in Boise, Idaho + then to Ontario, Oregon. From Mt. Home + Ontario recorded:

Pronghorn antelope - 3+, Swainson's Hawk - 1

Took US 20 W across Oregon to Riley where we found S on US 395 to Lakeview where we stopped

LIDICKER
1990

May 20 cont.

for the night. Ontario to Riley (stopped briefly en route) stop 16 mi. W Burns): Gt. Bl. Heron - 2, Red tl. Hawk - 2+, Kestrel - 4+, Brewers Blkbird - 20+ (flocks seen with streaked breasts) Ring-billed Gull - 4 (resting), Barn Swallow - ++, Violet-gr. Swallow - 2+, Killdeer - 4, Turkey Vulture - 2, Com. Nighthawk - 8+, Swainson's Hawk - 1, Mourning dove flew across rd. in front of us (looked like Scaled Quail, but was not close enough to Calif. Q.) w/ Gray patches Also saw 1 Coyote.

Riley to Wagontire (new place to stop for snack):

N. Raven - 2, Horned Lark - 1 ad. + 2 juvs, W. Meadowlark - 1.

Wagontire to Lake Albert - N. Raven - 3. Stopped several places along W. side of Lake Albert. It is especially rich in bird life at the N. end where the highway is very close to the Lake. It was surprising to see how diversified. Birds seen at Lake:

ducks - thousands, which I could identify: Shoveller - 20+, Mallard - 10+, Ruddy Duck - 2, Teal - 100's.

Sandpipers - hundreds of which I could identify: Avocet - 40+, Western Sandpiper - 2+, Killdeer - 10+.

Phalaropes - thousands most of which were Wilson's but saw 20+ Northern as well.

gulls - hundreds of which a few could be identified as California Gulls.

Eared Grebe - 80+ Loggerhead Shrike - 1

Say's Phoebe - 1 W. Wood Pewee - 1

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Brewer's Blackbird - 100± Black-throated Sparrow - 1

Aug. 21 Down ~528 m. on Aug. 20.

Lakeview to Alturas, Calif.; Stopped briefly at Goose Lake St. Pk. on the Oregon side of the border. (06:45-8:00) — numerous. Lark, Sage - 1

Canada Goose - 60+ Mallard - 10+

Cinnamon Teal - 200+ Coot - 100+

Clark's Grebe - 3+ (thousands of ducks + geese on Lake).

Killdeer - 5+ Spotted Sandpiper - 2+

Calif. Quail - 15 Brewer's Blackbird - 100+

Violet-gr. Swallow - 100+ Barn Swallow - 50+

Rough-winged Swallow - 2+ Robin - 30+

W. Meadowlark - 2+ M. Dove - 2+

Blk-billed Magpie - 1 Caspian Tern - 2

gulls - 100's, few identified = Calif. Gull, Stopped in Alturas for gas + breakfast. Took hwy. 299 to Redding. Alturas to Canby (09:22): Golden Eagle - 1 T. Vulture - 1, Starling - 2; meadowlark +

Canby to Adin (9:45) - T. Vulture, Marsh Hawk - 1, Starling. Adin to Hat Creek St. Pk.: Sandhill Crane - 2, Red-t. Hawk - 7+, T. Vulture +, Golden Eagle - 1 ad (W. & MacArthur). Stopped for walk in Hat Creek St. Pk. (10:45-11:40). Saw: B. Kingfisher - 1, Mourning Dove - 1 (heard only; most likely Red-eyed, but song only intermediate.)

Black-throated Gray Warbler - 2 Calif. Woodpecker - 8±

Sage Thrasher - 1 Fox Sparrow - 1

(cont.)

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1990

Aug 21 cont.

Song Sparrow - 3 Swainson's Thrush - 1

Red-sh. Flicker - 2+, W. Woodpewee - 2+

Flycatcher, unident. - heard only: weak "pheee" call

Chickadee, Junk. sp. - heard only

Ruf. sh. Towhee - 2+

Also saw Sciurus griseus - 2+ & 5+ Eutamias.

Heard weak "foik, foik" call that we thought at first was a small owl but seems to have been a Chickaree.

Had lunch - Redwing & saw 1 Lesser Goldfinch.

Took I 5 + I 80 + home. Stopped for sunset at 16:40 near Dunnigan. Also stopped for look around the Sacramento Wildlife Refuge (~2:50-3:50) + drove N 6 mi. like usual. Very hot!

Pied B. Grebe - 3	Mallard - 50+
Cinn. Teal - 25+	Pintail - 50
Shoveller - 1+	Killdeer - 2
Willet - 1	Blk-necked Stilt - 25±
Gd. Yellowlegs - 2	Gt. Bl. Heron - 10±
Gd. Egret - 12±	Snowy Egret - 10±
Red-tailed Hawk - 1	Marsh Hawk - 1 ♀
White-tailed Kite 1	Red-wing - 60±
T. Vulture - 2+	Loggerhead Shrike - 1
Caspian Tern - 1	Ring bl. Gull - 21
unident. gulls - 25±	Pheasant - 15±
Mourning Dove - 6+	Also saw Black-tailed
jackrabbits - 25±	+ Calif. ground squirrels - 3+.

Ar. Berkeley ~18:30. ~4200 mi. from Aiken SC.

LIDICKER
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Berkeley + Emeryville waterfront - 21 Aug.
7:30-8:15 pm. Western Gull - 30+, Herring Gull - 2
Ring billed Gull - 3+, unidentified gulls - 100+ Willet - 2
Black bel. Plover - 1, Avocet - 15±
Aquatic Pk, Berkeley - 5 ad. plus flying birds
at Emeryville Crescent at sunset - 3 Sept.
17:15-19:15 - Double cr. Cormorant - 12±, Brown
Pelican - 1, Great Egret - 6+, Gt. Bl. Heron - 1, Snowy
Egret - 15±, Blk. cr. Nt. Heron - 1 imm., mallard - 40±,
Ruddy Duck - 2, Royal Tern - 1, Forsters Tern - 50±,
West. Gull - 5, Ring bl. Gull - 1, Herring Gull - 2,
unidentified gulls - 200±, Semipalmated Plover - 1, Killdeer -
8, Blk. bel Plover - 5, Willet - 3, Lesser Yellowlegs - 3,
Least Sandpiper - 2, Short billed Dowitcher - 20±
(heard 1 call + heard 12 billed), Marbled Godwit - 1
(Aq. Pk) + 50± (Em. C.), Avocet - 5, Blk. bel. Stilt -
7, Mourning Dove - 20±, B. Kingfisher - 1 ♀, Starling -
20±, Brewers Blkbird - 1+, DK. eyed Junco - 1+,
Song Sparrow - 6+.
Hayward Shoreline Park - Sept 8
1:15-3:00 pm. Sunny with strong winds from west,
tide High. White Pelican - 1 Gt. Egret - 5+
Gt. Bl. Heron - 1 Snowy Egret - 20±
Mallard - 20+ Coot - 20+
Shoveler - 20+ unidentified ducks - 600±
Semipalmated Plover - 1 Killdeer - 1
Black bel. Plover - 25± Willet - 12+

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Sept. 8 cont.

G+ Yellowlegs - 3 — Lesser Yellowlegs - 1
Least Sandpiper - 20± — Sh. bl. Dowitcher - 50±
Marbled Godwit - 100± — Avocet - 300±
Blk. nk. Stilt - 50± — Wilson's Phalarope - 5+
Northern Phalarope - 50±. — wilson's phalarope - 120±
West. Gull - 2+ — Ring bl. Gull - 10±
Forster's Tern - 1 — mourning Dove - 1+
Barn Swallow - 10± — Brewers Blkbird - 2+
Savannah Sparrow - 3+ — Song Sparrow - 3+ n=28+

Hayward Shoreline Park - Sept. 23

13:00 - 15:40 sunny, warm, strong west winds, high tide. Clark's Grebe - 1 — West. Grebe - 1
White Pelican - 15 — Dbl. cr. Cormorant - 3
G+. Bl. Heron - 1 — G+. Egret - 3
Snowy Egret - 15± — Bldpate - 2
American Avocets - 400± — Killdeer - 2
Black bl. Plover - 20+ — Wandering Tattler - 2
Willet - 60± — G+. Yellowlegs - 50±
Knot - 2+ — Least Sandpiper - 150+
SL. bl. Dowitcher - 45± — West. Sandpiper - 200±
Marbled Godwit - 460± — Am. Avocet - 350±
Blk. nk. Stilt - 40± — North. Phalarope - 3
West. Gull - 10± — Ring bl. Gull - 45±
Forster's Tern - 2 — Caspian Tern - 1
Sterling - 25± (first Monterey) — Brewer's Blkbird - 1+ (first Monterey)
Song Sparrow - 5± — Savannah Sparrow - 12±

n=29+

LIDICKER
1990

Bermuda Trip

6-13 October

Flew to Bermuda via NYC to participate in BIOSIS Board of ~~Directors~~ Trustees meeting. Stayed at Bermuda Biol. Station for Research which is in St. George's Parish on the east end of the island complex of access a small channel (Ferry Reach) from the airport. Meetings continued through Oct 10. On Oct. 11 Hurricane Lily came within 50 mi. to S of islands and stopped all forms of public transportation. We walked to Ferry Pt. & on & to St. George's & for. On Oct. 12 we took bus to Dockyard on western W end of island, & after visiting the Maritime Museum walked to Somerset Bridge, passing through the Arida Wingate Sanctuary. Took ferry to Hamilton at dusk. On Oct. 13, visited Gov., aquarium & museum & flew to NYC at ~ 14:45 & on back to California arriving at 22:45 P.T (02:45 Bermuda time).

The afternoon of Oct. 9 our group was taken by Stuart boat to Nonesuch Island. Here we saw flora on the island & adjacent islets when cahows (Bermuda Petrel) breed, & including an artificial burrow made by David Wingate - the resident naturalist & warden of the Nonesuch Island Sanctuary. The petrels arrive in Dec. for mating & the egg is laid in Jan. for laying eggs & raising young. We also saw cliffs where Yellow-billed Tropicbirds nest ("long-tails") in the summer. Byron Watson said he might have seen one fly into a cliff.

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Bermuda cont.

Herp notes: Seem to be 2 species of lizard based on calls, at least 1 of which is probably Eleutherodactylus. There is a med-sized toad that is common such as Bufo americanus. Looked some for B. marinus. As a matter of fact that is apparently almost extinct, and about 4 spp. of introduced Anolis. Lots seen:

1) Dark gray-ish gray w/ no markings, ~2½-4" SV. One Eg. individual (>4" SV) was the same color but with wavy dark & bright and dark bright lines on the same specimen.

2) Large sp. that is bright blue and green with no other markings.

3) Small species gray-brown in color and with short dark bars marking down the vertebrae

4) Medium-sized with reddish or orangy tail & limb speckling on head and fore-parts

5) 1 med.-sized w/ light stripe down back.

Bird notes:

Double-crested Cormorant - 1 (St. George's Harbor)

Pectoral Sandpiper - 1 (BBSR)

Spotted Sandpiper - 1 (Ferry Pt.), 1 (S. Ireland Island)

Ruddy Turnstone - 3 (Ferry Pt.), 10 (Hamilton), +
50± (Zoo) - feeding w/ catbird underfoot.

Semipalmated Sandpiper - 6 (Bourg Island)

Semipalmated Plover - 3 (Bourg Island) - juv. + winter plumage

Killdeer ? - Thought I heard 1 twice but may have been Kiskadee mimic.

Mallard - group of ~30 in St. George's, also on various

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Bermuda - cont.

mixture of mainland + domestic duck.

Yellow-cr. Night Heron - 2 juvs. Normal behavior

Eastern Bluebird - 1 ♀ (Ferry Pt.)

Mourning Dove - 60+ (common + widely distributed)

Ground Dove - 30+

Blk-billed Cuckoo? - good glimpse of cuckoo-like bird that had rounded tail pattern of this, but in poor, rainy conditions it flipped over some bushes and disappeared.

Belted Kingfisher - 1+ (BBSR) + 1+ (Bourg Island)

Great Kiskadee - 75± (common + widespread)

Common Crow - 40± plus large flock of 70 (combined) flying to dusk across Harrington Bay toward the SW.

Eastern Bluebird - 12±

European Starling - abundant on islands. They seem quite slender with long pointed bills, compared to mainland starlings + are heavily spotted. Their calls include several quite mellow whistles unlike typical raucous birds.

Catbird - 6+

American Redstart - 1 (Ferry Pt.)

unidentified yellowish warbler - 1 (Wingate Swamp)

House Sparrow - abundant + widespread

European Goldfinch - 6+

Cardinal - 10+

n = 24

LIDICKER
1990

Point Pinole Regional Pk, Contra Costa Co., Calif.
Dec. 16

11:30-4:20 Clear + cool. Lousiana.

Clark's Grebe - 6+
unident. W. Grebes - 10±
Snowy Egret - 2
Canvasback - 2
Lesser Scaup - 500+
Com. Goldeneye - 30±
Ruddy Duck - 50±
Killdeer - 2
Blk. bel. Plover - 20±
Black Turnstone - 25±
Sanderling - 30±
Least Sandpiper - 3+
Dunlin - 25±
Red-tailed Hawk - 1+
Kestrel - 1
Wash. Gull - 10±
Calif. Gull - 10±
Mourning Dove - 1
N. Flicker - 1
N. Raven - 2
Wrentit - 1
Ruby-cr. Kinglet - 1
Brewer's Blackbird - 50±
Pine Siskin - 20±
Lesser Goldfinch - 2

W. Grebe - 2+
D. cr. Cormorant - 6
Am. Wigeon - 30±
Gt. Scaup - 2+
unident. Scaup - 5000±
Surf Scoter - 7
Am. Coot - 3
* Golden Plover - 1 (assoc. with ~ Willet + unt. Blk. bel. Plover)
Spotted Sandpiper - 6+
Willet - 2
Western Sandpiper - 150±
Sharp-shinned Hawk - 1
Red-shouldered Hawk - 1+
Glaucous-winged Gull - 3+
Herring Gull - 50±
Rock Dove - 50± (outside Pk.)
Anna's Hummingbird - 15±
Black Phoebe - 2
Chestnut-bk. Chickadee - 2
Bewick's Wren - 2
Yellow-rumped Warbler - 8±
House Finch - 6+
Am. Goldfinch - 7+
Brown Towhee - 10±

LIDICKER
1990

Dec. 16 cont.

Savannah Sparrow - 1+ * Short-tailed Sparrow - 1

White-cr. Sparrow - 20± Golden-cr. Sparrow - 50±

Song Sparrow - 2+ n = 52

Berkeley Aquatic Park + Berkeley Marina

Dec. 25

14:00 - 16:45 - clear + cold (~32°F) L. + J.

Com. Loon - 1 Horned Grebe - 3

Pied-bill Grebe - 35± Wood. Grebe - 1

Dk. cr. Cormorant - 5+ Surf Scoter - 2

~~Brant~~ Blk. cr. Nt. Heron - 35± Mallard - 20+

Pintail - 15+ Baldpate - 1 pr.

Redhead - 30+ Ring-nk. Duck - 1 ♀

Canvasback - 24+ Gt. Scaup - 60±

Lesser Scaup - 1 ♂ (Aq. Pk.) Com. Goldeneye - 40±

* Barrow's Goldeneye - 1 ad. ♂ - a number of ad. ♂ golden-eyes were seen in Jan. winter plumage; sketches of a white spot on face visible; in case of this bird a sketch of crescent seen, behavior was different: it kept to itself, diving frequently, held head low + rarely surfaced vertically + appeared signal usually several times when up; bill had some reddish or yellowish on it.

Bufflehead - 120± Surf Scoter - 15±

Ruddy Duck - 50± Red-br. Merganser - 1 ♀

Kestrel - 1 Am. Coot - 40±

Semi-palmated Plover - 6+ Killdeer - 45±

Black-bel. Plover - 1 * Whimbrel - 1

Willet - 6± Lesser Yellowlegs - 1

Least Sandpiper - 15± Dunlin - 40±

LIDICKER
1990

Dec. 25 cont

Dowitcher, Long-billed - 120± (few Long-billed with single notes)
Western Sandpiper - 250± Marbled Godwit - 3
Sanderling - 3 Am. Avocet - 20±
Black-bk. Stilt - 6 Wstn. Gull - 10±
Glaucous-winged Gull - 3 1st yr. glauc. (one/two races)
Herring Gull - 25± Ring-billed Gull - 25±
California Gull - 1? Rock Dove - 4 (town)
Mourning Dove - 4 Anna's Hummingbird - 1 (L.)
Steller's Jay - 1 (home) Com. Crow - 3
Chest. bk. Chickadee - 2 (home) Robin - 5+
Hermit Thrush - 1 (home) Ruby-cr. Kinglet - 5 (home)
Water Pipit - 20± House Sparrow - 1+
Red-winy - 1+ Brewer's Blackbird - 5+
House Finch - 5+ (home) Dk.-eyed Junco - 2+ (home)
Brwn Towhee - 10± Wh.-cr. Sparrow - 30±
Golden-cr. Sparrow - 2 (imm.) Fox Sparrow - 1

n = 61

Sacramento Valley Trip, 26-28 Dec.

Dec. 26 - Left home 10:20, down to Sacramento (Elk Grove) via Concord, Antioch Bridge, hwy 160 to Walnut Grove, Twin Sisters Rd.

Birds seen incidentally: loon, unident. - 1 (San Joaquin delta),
Gt. Egret - 8 (Shima Dr.), Long-billed Curlew - 1 (Sherman I.)
Marsh Hawk - seen. Spotted Sandpiper - 1
Gt. Yellowlegs - 2 Red-tailed Hawk - many
Com. Snipe - 1 Coot - 3
Pied-bl. Grebe - 5 Blk.-sl. Kite - 1

LIDICKER
1990

Dec. 26 cont.

W. Meadowlark - nr. | Meadowlark - 1+

Water P:J:D - 10± | Starling - +

Yel. rumped Warbler - 2 | unidentified warbler (yellow breast with 2+ stripes (dk) along flanks - possibly Townsend's)

Dec. 27 Sacramento to Gray Lodge & Sacramento Wildlife Refuges. left ~10:40 am. Gray Lodge ~11:45 arrived at 16:45 along S. edge of Sac. Refuge, after which we did the 7 mi. loop most of the refuge leaving there at 18:00, & drove back to Sacramento. Weather: cold & partly cloudy

Pied-bill. Grebe - 20± | Dbl cr. Cormorant - 3

Gt. Bl. Heron - 12± | Great Egret - 25±

Snowy Egret - 2 | Blk. cr. Night Heron - 1

Amer. Bittern - 3 | 2x brief glimpse of what might have been Least Bittern

White-fronted Goose - 70± (Sac. Ref.) | Canada Goose - 20±

Cackling Goose - 2 (in flock of many geese; seen well & were noticeably smaller)

White-fronted Goose - 1000± | Snow Goose - 3000±

Ross's Goose - 7 (1 flock with raucous short call)

Mallard - 100± | Green-winged Teal - 35±

Gadwall - 85± | Blue-winged Teal - 2

Cinnamon Teal - 4 | Pintail - 400±

Redhead - 600± | Ring-nk. Duck - 20±

Shoveller - 600± | Buffle-head - 10±

Ruddy Duck - 15± | Turkey Vulture - 15±

Blk-sh. Kite - 12± | Red-tailed Hawk - 55±

Marsh Hawk - 25± | Kestrel - 40±

Ring-nk. Pheasant - 30± | Sora - 1 (beautiful long look, seen w/ telescope as it came out of tules to feed on edge (ice)

LIDICKER
1990

Dec. 27 cont.

Com. Goldeneye - 10±	Am. Coot - 900±
Killdeer - 20±	Wood. Sandpiper - 120±
Com. Snipe - 10± (incl 1 DOR)	Herring Gull - 10+
Ring-billed Gull - 30±	Mourning Dove - 4+
Short-eared Owl - 2	Belt. Kingfisher - 3
N. Flicker - 2	Downy Woodpecker - 1
Black Phoebe - 10±	Scrub Jay - 10±
Yellow-billed Magpie - 25±	Com. Crow - 150±
Long-billed Marsh Wren - 2	Robin - 2+
Water Pipit - 30±	Loggerhead Shrike - 5+
Starling - 100±	House Sparrow - 5+
W. Meadowlark - 50±	Red-wing - 1000±
Brewers Blackbird - 1000±	House Finch - 2+
Brown Towhee - 4+	Savannah Sparrow - 20±
Dk-eyed Junco - 25±	White. Sparrow - 80+
Golden-cr. Sparrow - 2	Fox Sparrow - 1+
Song Sparrow - 10±	n = 64

Dec. 28 - Sacramento to Lodi via Isleton & Martinez.
lv. 09:30, ar. 4:30 p.m. Cool & partly cloudy. Took hiway 160 to Walnut Grove & then S on River Track Rd to Tyler Island Rd., W. to Georgiana Slough, & back to Walnut Grove. Continued S along E side of Sacramento R. but took winding levee road along W side of Georgiana Slough. Stopped briefly in Brannan Island State Rec. Area, & then circled Shannon Island (E. Levee Rd.). Cont. to Martinez for lunch, doing a lot of birding thru the hiway 4 to I 80 and to Benicia & El Sobrante & finally Lodi.

LIDICKER
1990

Dec. 28 cont.

- Wood. Stork - 8 — Pied bl. Grebe - 12±
- Gt. Bl. Heron - 8± — Gt. Egret - 25±
- Blk. cr. Nt. Heron - 7 — Mallard - 20±
- Gr. winged Teal - 1 — Com. Goldeneye - 1
- Canvas back - 45± (Marking) — Ruddy Duck - 2
- Blk - bl. kite - 20± — Red-tailed Hawk - 60± (incl. 1 or 2 dark phase & 1 with reddish flanks, belly & thighs (no stripes) & white chest; dorsal tail was brownish red)
- Red-shouldered Hawk - 1 — Rough-legged Hawk - 1 (Tyler Island; noticed frequent hovering & faster flight than Red-t.)
- Marsh Hawk - 20± — Kestrel - 30±
- Ring-nk. Pheasant - 1 — Sandhill Crane - 125± (Tyler Is.)
- Am. Coot - 50± — Killdeer - 45±
- Com. Snipe - 20± (this year is coming with Dowitcher & also seemed on lawns with Robins - marking maybe)
- Lesser Yellowlegs - 3 — Least Sandpiper - 5+
- Dunlin - 15± — Dowitcher - 25±
- Wood. Sandpiper - 30± — Herring Gull - 35±
- Ring-billed Gull - 45± — California Gull - 2+
- Rock Dove - 50± — N. Flicker - 1
- Black Phoebe - 5± — Say's Phoebe - 1
- Tree Swallow - 20± (Shrank to) — Scrub Jay - 35±
- Yel. bl. Magpie - 5± — Com. Crow - 55±
- Mocking Land - 5+ — Robin - 25+
- West. Bluebird - 1 — Water Pipit - 50?
- Loggerhead Shrike - 10± — Starling - 30+
- Yellow-rumped Warbler - 25± — House Sparrow - 5±

Cont'd

W. Z. Lidicker

1991
Catalogue

#4114-4123

LIDICKER
1991

12 mi. SW Tracy, 1200 ft., San Joaquin Co., Calif.
Nov. 14 (killed 15 Nov.) - coll. by G.A. Bateman

4114 ♀ Dipodomys heermanni — ov. inactive — 54.5 g — nipple med., post. lact. uty. hair., no pl. scars — 297 - 172 - 41 - 15.5
4115 ♀ " — ov. inact. — 57.0 g — nipple lg., post lact. faint pl. scars — 327 - 192 - 43 - 16
4116 ♀ " — ov. inact. — 55.5 g — nipple lg., post lact. no pl. scars visible — 321 - 194 - 43 - 14

Menlo Park, San Mateo Co., Calif.
Nov. 2 - coll. by Mark Richman

4117 ♂ Scapanus latimanus — killed by cat — 82.5 g — test. 12½ x 7 mm. — 181 - 28 - 21.5 - 1.5

¼ mi. E Junction Butte, S. side Lamar R., Yellowstone Nat. Pk., Park Co., Wyo.
July 22 (skinned 18 Feb. '92) coll. by Mary Harter

4118 ♂ Microtus — main grid SF8 — 18.7 g — test. 4½ x 3 mm. sv. 1½ mm. — 135 - 34 - 20 - 12

2.5 mi. W, 3 mi. S NE Entrance Sta., 7600 ft., YNP, Park Co., Wyom.
Sept. 5 (skinned 18 Feb. '92) coll. by Mary Harter

4119 ♂ Clethrionomys gapperi — 5. sat. 2, SC2 — 15.1 g — test. 2 x 1 mm. — 134 - 34 - 19 - 14

⅞ mi. W, ¼ mi. N Lamar Ranger Sta., 6500 ft., YNP, Park Co., Wyo.
July 26 (skinned 25 Feb. '92) coll. by Mary Harter

4120 ♀ Microtus — RG2-508 — skin pink on inside — 34.6 g — imp., P. sup., N. med., + pl. scars — 165 - 37 - 20 - 13.5

2.5 mi. W, 3 mi. S NE Entrance Sta., 7600 ft., YNP., Park Co., Wyo.
Sept. 6. (skinned 2 March '92) coll. by Mary Harter

4121 ♀? Sorex — SAT 1, PA2 — 2.5 g — 85 - 31 - 12 - 7.5

2.5 mi. E Tower Ranger Sta., 6150 ft., YNP, Park Co., Wyo.
July 26 (skinned 9 March '92) coll. by Mary Harter

4122 ♂ Peromyscus maniculatus — 22.3 g — test. 2 x 1 mm. — 148 - 64 - 19 - 15.5

7/8 mi. W, ¼ mi. N. Lamar Ranger Sta., 6500 ft., YNP, Park Co., Wyoming
Sept. 5 (skinned 16 March '92)

4123 ♂ Sorex — 4.4 g — test. 1½ mm. — 105 - 43 - 13 - 6

W. Z. Lidicker

1991
Journal

Calif: Marin, Santa Cruz,
Alameda, Conta Costa Cos.
New York: Tompkins Co.
Calif: Alameda, San Joaquin, Contra Costa Cos.
Calif: Solano, Sutter, Colusa, Lake, Marin Cos.
Kansas
Calif: Mendocino Co.
Hawaii
Calif: Farallon Islands
Calif: Marin Co.
New England
Calif: Humboldt, Del Norte, Glenn Cos.

LIDICKER
1990
+1991

Dec. 28 cont.

W. Meadowlark - 50±
Red-wing - 60±
- Tricolored Blackbird - 1+
Brewer's Blackbird - 50±
House Finch - 120±
- Pine Siskin - 1
- Amer. Goldfinch - 15±
Dk. eyed Junco - 20±
Wh. cr. Sparrow - 220±
n = 54
n for all 3 days = 87

Pt. Reyes Natl. Seashore - Limantour Beach + Sj:t

Jan. 27, 1991

Left Berkeley ~10:45, ar. Beach ~12:00; left 5:30 via Nicasio Reservoir and arrived home 19:00. Birds seen:

Common Loon - 1
Pacific Loon - 2+
Red-throated Loon - 3+
unidentified loons - 3+ (flying)
Clark's Grebe - 1+ (Nicasio Res.)
Western Grebe - 1+
Western-type grebes - 40±
Red-necked Grebe - 1+ (ocean)
Horned Grebe - 30±
Eared Grebe - 4+
Wh. Pelican - 7 (Nic. Res.)
D. cr. Cormorant - 5 (Nic. Res.) ±
5+ (ocean)
Pelagic Cormorant - 3 (Lim. Sj:t - ind)
Gt. Bl. Heron - 2
Canada Goose - 100± (Nic Res.), 10± (Lim.)
domestic geese - 2 (Nic. Res. - 1 brown & 1 white)
Mallard - 45±
Gadwall - 20±
Pintail - 90±
Gr.-w. Teal - 20±
Baldpate - 120±
Shoveler - 1 pr.
Ring-necked Duck - 1 pr.
Canvasback - 25±; 1 (Albany)
Lesser Scaup - 3
Com. Goldeneye - 30±
Bufflehead - 85±
Ruddy Duck - 20±
Wh.-winged Scoter - 30+
Surf Scoter - 150±
Black Scoter - 1 ♂
Com. Merganser - 1 ♀ (Nic. Res.)

LIDICKER
1991

Jan. 27. cont.

Red br Merganser - 4 + ♀ — T. Vulture - 45 ±

Kestrel - 5 + — Amer. Coot - 5 + ; 1 (Albany)

Blk. bel. Plover - 10 ± — Willet - 25 ±

Gt. Yellowlegs - 30 ± — Least Sandpiper - 1 +

Wstrn. Sandpiper - 300 ± — Dunlin - 1 +

Dowitchers (unident.) - 10 + — Sanderling - 100 ±

Glaucous-winged Gull - 2 + (imm.) — Wstrn. Gull - 15 ±

Herring Gull - 20 ± — Ring-billed Gull - 60 ±

Forster's Tern - 2 — Rock Dove - 20 ± (city)

Mourning Dove - 10 ± — Belted Kingfisher - 2 +

N. Flicker - 5 ± — Black Phoebe - 1

Com. Raven - 5 + — Com. Crow - 1

Wrentit - 1 — Robin - 10 ±

Wstrn. Bluebird - 1 (agric. area) — Starling - 800 ±

House Sparrow - 10 ± — Brewer's Blackbird - 40 ±

Dark-eyed Junco - 5 + — White-cr. Sparrow - 20 ±

Song Sparrow - 5 ± — 2=67

On Nicasio Res. was a strange duck, larger than a Mallard & w/ red-brown tail. Bill was largely black & white with dusky head, white throat & breast. Had black belly & end. ½ of flank - reminiscent of an eider.

Mammals: Phoca vitulina - 20 +, Sylvilagus bachmani - 1, fox scats, raccoon tracks, deer tracks & droppings; Didelphis virginiana - 1;

Several skunks DOR.

Monte Toyon weekend - near Aptos, Calif.

Feb. 2 - 3

Feb. 2 - 2:30 - 4:10 Visit to Sanderling Stan Black.

LIDICKSX
1991

Feb. 2 cont.

2♂ Lab. found dead during previous night or early this morning. Ad. was mostly overcast, cool; good surf.

Feb. 3 - Visited National Bridges State Park, Santa Cruz - 2 to 3:30 p.m. + a drizzly, misty, overcast time during the storm. Birds seen: mostly quiet, wild.

Com. Loon - 1+
Red-th. Loon - 1+
Horned Grebe - 1
Wood. Grebe - 12+
Dbl. cr. Cormorant - 10±
Brandt's Cormorant - 60±
Pelagic Cormorant - 6±
Brown Pelican - 1
Amer. Coot - 1
Bufflehead - 1 ♂
Mallard - 15±
Surf Scoter - 100±
Marbled Godwit - 70±
Willet - 60±
W. Limpkin - 1
Sanderling - 35±
Blk. bel. Plover - 10±
Ruddy Turnstone - 12±
Herring Gull - 30±
Western Gull - 50±
Ring-billed Gull - 150±
Bonaparte's Gull - 1
Heermann's Gull - 15±
Forster's Tern - 10±
Mourning Dove - 10±
Rock Dove - 60± (including
lots of smaller race Sta. Cruz)
Golden Eagle - 1 ad. (Sandhill)
Kestrel - 1
Black Phoebe - 1
Chest. bk. Chickadee - 2+
Ruby cr. Kinglet - 1
Common Crow - 2 (Oakland)
Red-wing - 2+
Brewer's Blackbird - 90±
Yel. rumped Warbler - 1
House Finch - 20±
House Finch - 5±
Starling - 20±
Song Sparrow - 1+
n = 39

Lots of Hyla regilla calling at Nat. Bridges St. Pk.

LIDICKER
1991

Feb. 2 - 3 cont.

Marsh: See other - 1 (Sta. Cruz).

Harbor seal - 1 & 5+ porpoises seen from pier at Seabright beach.

Dunbarton Bridge approach + Coyote Hills Reg. Pk

Feb. 17

L. & I left home ~ 10:20 + drove to Dunbarton Bridge toll gate. Clear, cool with strong winds from NW. Walked W of tollgate - N side of highway a short way & then down on marsh levels. Rd on S. side of highway to dirt levee. Left this, crossed 3 fields & went to Coyote Hills Reg. Pk. Checked out fine grove above visitor center & main picnic ground only. Left ~ 4:10 p.m. Two Calif. ground squirrels seen on S. side of Dunbarton approach. Birds recorded:

Pied b. Grebe - 1 (Coy. H.)
Eared Grebe - 200+
Clark's Grebe - 1
D. cr. Cormorant - 1
Snowy Egret - 4
Canada Geese - 2 (flying across freeway from Lake Merritt)
Green-w. Teal - 50±
Mallard - 15±
Pintail - 1 pr.
Blue-w. Teal - 3+
Cinnamon Teal - 20±
N. Shoveler - 150±
Gadwall - 12+
Amer. Wigeon - 15±
Canvasback - 120±
Lesser Scaup - 25±
Common Goldeneye - 15±
Bufflehead - 110±
Ruddy Duck - 160±
T. Vulture - 3
N. Harrier - 1
Red-tailed Hawk - 5±
Amer. Kestrel - 1
Amer. Coot - 3
Killdeer - 30±
Blk.-n. Stilt - 35±
Amer. Avocet - 25+
Gt. Yellowlegs - 6+

L Dickson
1991

Feb 17 cont.

Lesser Yellowlegs - 2
Willet - 120±
Long-billed Dowitcher - 35±
Bonaparte's Gull - 250±
California Gull - 35±
Ring-b. Gull - 20±
Herring Gull - 20±
Red Dove - 50±
Gt. Horned Owl - 2 + 1 dead
1 + downy Y. in nest.
Anna's Hummingbird - 1
N. Flicker - 1
Black Phoebe - 2
Scrub Jay - 1
Amer. Pipit - 6+
Brown Towhee - 2
Song Sparrow - 2+
White-cr. Sparrow - 10+
House Finch - 1+
Savannah Sparrow - 2+
Golden-cr. Sparrow - 25±
Brewer's Blackbird - 30±
N = 58

March 15 - IB 104 field trip to Pt. Pinole, Contra Costa Co. CA.
0800 - 1200 - Clear, cool, light wind early only.

Clark's Grebe - 10±
Gt. Bl. Heron - 1
Amer. Wigeon - 12±
Gt. Scaup - 150±
unident. scaup - 800+
Com. Goldeneye - 10± (all ♀)
Red-br. Merganser - 1 ♂
Dun Cormorant - 2
Snowy Egret - 3
Canvasback - 10±
Lesser Scaup - 20±
Surf Scoter - 15±
Bufflehead - 1 ♀
Ruddy Duck - 9

LIDICKER
1991

Mark 15 cont.

T. Vulture - 2
Osprey - 1
Red sh. Hawk - 2+
Blk-bel. Plover - 1
Willet - 45±
Ring B. Gull - 4+
West. Gull - 2+
Gt. Horned Owl - 1 (in nest)
Ruf. Hummingbird - 1 ♂
Tree Swallow - 5+
Chest. Sh. Sparrow - 1+
Fox Sparrow - 1? (song only)
Golden cr. Sparrow - 2+
Dk. eyed Junco - 2+
W. Meadowlark - 3
Pac. Slope Flycatcher? - 1 (heard only)
Blk. sh. Kite - 2+
Red sh. Hawk - 1 pr.
Calif. Quail - 2+
Killdeer - 1
unid. peeps - 500±
Herring Gull - 2+
Mourning Dove - 2+
Anna's Hummingbird - 15±
N. Flicker - 2
Violet-gr. Swallow - 5+
Calif. (Brown) Towhee - 12±
Song Sparrow - 2+
White cr. Sparrow - 10+
Red-winged - 2+
House Finch - 15±
Amer. Goldfinch - 2+

n=43 + 2 ?

Several feral cats seen in park.

Pt. Isabel & N along old RR bed almost to Bayview Ave.,
El Cerrito, CA. 7 April

16:50 - 18:15 PDT cool, sunny, lt. winds

West. Grebe - 1
Clark's Grebe - 2
Great Egret - 1
Red sh. Hawk - 1 subad.
Gt. Yellowlegs - 1 (watched it catch & eat 3 fish in tidal channel; swam & actively fished after fix 2)
unid. W-type Grebe - 1
Horned Grebe - 1 (changing into Hmg. Sp.)
Mallard - 1+ ♂
Killdeer - 2

LIDICKER
1991

Page 7 cont.

Willet - 1 — Least Sandpiper - 10±

W. Gull - 1+ imm. — Ring bl. Gull - 5+

Mourning Dove - 4 — Anna's Hummingbird - 1 singing ♂

Barn. Owl - 4 — Bushtit - 1

N. Mockingbird - 3+ — E. Starling - 40±

Song Sparrow - 3+ — Golden-cr Sparrow - 10±

White cr. Sparrow - 30± — Red-winged Blkbird - 6

W. Meadowlark - 2 — House Finch - 25± (2 ♂♂ sound & bright red-orange sp. on lower throat rather than around eye)

Sunol Regional Wilderness + Bay Farm Island, Alameda Co. CA.

April 13

Arr. Sunol Pk. with L. for 1B104 field trip at 07:50. Left Pk. at 12:40 & drove to Calaveras Reservoir & then back to Union City (arr. 13:35) where we had lunch with Russ & Kim DeLongpre. Left there at 16:00 & took Doolittle Dr. to Bay Farm Island (N. side of Oakland Airport (16:30 - 18:35), continued out to W. shore dike & then very briefly along Shoreline Pk. (N. edge bayfront marina). Clear day, cool early but quite warm by mid-day inland. Cool & windy on coast. ~~Abbreviations~~ SP (= Sunol Pk), BI = Bay Farm Island, & UC = Union City.

Mammals: raccoon tracks (SP), bobcat tracks (SP), coyote scat (SP), probable fox scat (SP), skunk tracks (several sets); California ground squirrels - common at SP & tracks but not seen along drive, also seen at BI,

LIDICKER
1991

Apr. 13 cont.

Sparrows - many; Microtus californicus - 1 one of active runways of SP in short vegetation grassland. One ground squirrel burrow and mistletoe flecked with blue excreta.

Hawks - Swainson's occidentalis - com. of SP. West. Red-tailed - 1 ad & 1 or 2 juv. in stock pond of SP.

Birds -

Horned Grebe - 1 (complete sp., plumage) - BI

Clark's Grebe - 15± (BI)

Brown Pelican - 3 (BI)

Gt. Bl. Heron - 1 (BI) + 1 elsewhere Rd - nr. Sunol

Green-backed Heron - 1 (SP)

Canada Goose - 3 (BI)

Green-w. Teal - 1 pr. (BI) Mallard - 1 pr. (SP) - 15± (BI)

Gt. Scaup - 150± (BI) Lesser Scaup - 2 ♂ (BI)

Surf Scoter - 12 ± (BI) Red-br. Merganser - 2 ♀ (BI)

Ruddy Duck - 40± (BI) T. Vulture - 1 (BI), 20± (SP)

Blk. sd. Kite - 2 (SP) Red-sh. Hawk - 1+ (SP)

Kestrel - 1 (BI) Calif. Quail - 2+ (SP)

Amer. Coot - 30± (BI) Blk-bd. Plover - 3+ (BI)

Killdeer - 2+ (BI) Amer. Avocet - 50± (BI)

Willet - 25± (BI) Marbled Godwit - 4+ (BI)

West. Sandpiper - 200+ (BI) Dunlin - 10+ (BI) - some in breeding plumage.

SL. B. Dowitcher - 30+ (BI)

Ring-b. Gull - 60± (BI) West. Gull - 5+ (BI)

Caspian Tern - 1 (Calaveras Rd.), 35± (BI)

Forster's Tern - 10± (BI) Rock Dove - 20 (UC)

LIDICKER
1991

Apr. 13 cont.

Mourning Dove - 10± (SP), 6± (UC), 10± (BI)

Anna's Hummingbird - 3+ (BI)

Allen's Hummingbird - 1♀ (UC)

Acorn Woodpecker - 30± (SP)

Ladder-backed Woodpecker - 2 (1♂, 1♀) (SP)

Downy Woodpecker - 1 (SP) N. Flicker - 8+ (SP)

Blk. Phoebe - 2 (UC)

West. Kingbird - 2 (SP) Violet-gr. Swallow - 10± (SP)

Steller's Jay - 5+ (SP) Scrub Jay - 15± (SP) + outside T.P.

Yellow-billed Magpie - 20± (SP + nearby)

Am. Crow - 15± (SP + outside)

Chest.-bk. Chickadee - 2+ (SP)

Plain Titmouse - 3+ (SP) Bush-tit - 1+ (SP)

White-br. Nuthatch - 1 (SP) Rock Wren - 1 (SP)

Blue-gray Gnatcatcher - 2 (SP, heard only)

West. Bluebird - 10± (SP) Am. Robin - 2 (SP + outside)

Mocking bird - 1 (UC) Loggerhead Shrike - 1 (Calaveras Rd.)

E. Starling - 50± (SP), 10± (BI)

Orange-cr. Warbler - 4+ (SP + outside),

Yellow-rumped Warbler - 30± (SP)

Ruf.-sided Towhee - 1 (SP) Calif. Towhee - 1+ (SP)

Savannah Sparrow - 1 (BI) Song Sparrow - 1 (BI)

White-cr. Sparrow - 1+ (BI) Red-wing - 30± (SP), 15± (BI. & adjacent)

W. Meadowlark - 5+ (SP) Brewer's Blk-bird - 50± (SP) (adjacent)

Br.-hd. Cowbird - 2+ (SP)

N. Oriole - 4+ (SP) House Finch - 40± (SP + outside)

Am. Goldfinch - 2+ (SP), 6+ (BI) House Sparrow - 10± (SP)

n = 72

LIDICKER
1991

Sapsucker Woods, Ithaca, Tompkins Co., NY + environs
May 4 + 5

May 4 - Drove from Philadelphia to Cornell Campus, spent several hours wandering around campus. Stayed in motel in Cayuga Hts.

May 5 - 09:N - 11:N Sapsucker Woods. Then down to S. shore Cayuga Lake + headed back to Philadelphia. Left Philadelphia on flight to Chicago after multiple delays. Louise took train to Bethesda, Md. Landed in Oakland ~ 23:N ; Home 23:55.

Birds recorded:

G+. Bl. Heron - 2 — Canada Goose - L
Mallard - 10+ — Wood Duck - 1 heard
Canvasback - 1 fr. - from feed nr. Binghamton 4 May
Killdeer - 2 (4 May) — Ringbl. Gull - 1 (nr. Cayuga Lake)
Turkey Vulture - 5+ (mostly seen in Penn.)
Rock Dove - 1+ (in towns) — Mourning Dove - 10+
Chimney Swift - 1 (Phila. on 3 May)
Belted Kingfisher - 1 — N. Flicker - 8+
Downy Woodpecker - 3+ — Hairy Woodpecker - 1
Least Flycatcher - 1 — Tree Swallow - 20±
Rough-w. Swallow - 5+ (Cornell campus, 4 May)
Barn Swallow - 1 (Ithaca)
Blue Jay - 6+ (Sap. Woods) + others
Am. Crow - 10 (Sap Woods) + 100+ elsewhere
Tufted Titmouse - 1+ (heard)
Black-capped Chickadee - 15±

LIDICKER
1991

May 4-5 cont.

Brown Creeper - 2 (singing) Wh. br. Nuthatch - 1+

House Wren - 5+ Ruby cr. Kinglet - 3+

Blue-gray Gnatcatcher - 1+ (heard only)

Wood Thrush - 3+ Robin - 5+

Gray Catbird - 1 - 1+ E. Sturling - 1 (Sq. W.) + 100's elsewhere

Warbling Vireo - 1 Black + White Warbler - 1

Black-thr Blue Warbler - 1 Yel. rumped Warbler - 15+

Palm Warbler - 3+ Yellow Warbler - 10+

Ovenbird - 1 (heard) Am. Redstart - 18+

Cardinal - 10+ Rose sd. Tanager - 3+

Song Sparrow - 10± Chipping Sparrow - 1

White-throated Sparrow - 2

Dk-eyed Junco - 8± (Connell counts - 4 May)

Red wing - 35± Com. Grackle - 25± (Sq. Words) +
100's elsewhere

Hous. Sparrow - ++

Am. Goldfinch - 12±

House Finch - 1 pr. (Sq. Words) + 10± (Connell counts 4 May)

n = 51

LIDICKER
1991

Corral Hollow Field Trip (1B104), Alameda + San Joaquin Cos. CA. - 9 May

15:15 - 22:N Left UCB with van + 6 students.

Herps seen: Bufo boreas - tadpoles only (black colour)

Hyla regilla - tadpoles only (brown + mottled)

Clemmys marmorata - 1

Scelopus occidentalis - 2+

Fish seen: very small species abundant in creek along Mines Rd.

Catostomus sp. - 1 being eaten by vultures Del Valle Res.

Birds seen:

Gt. Bl. Heron - 1	Mallard - 2
T. Vulture - 20+	Red tl. Hawk - 10+
Amer. Kestrel - 3	Calif. Quail - 1 heard
Killdeer - 3+	Forster's Tern - 25± (Del Valle Res.)
Rock Dove	Mourning Dove - 10±
Barn Owl - 2 ad. + 2 yg. (down being shed) - Castle Rock	
Gt. Horned Owl - 2 yg. looking over edge of nest - Castle Rock	
Acorn Woodpecker - 5	W. Kingbird - 1
Horned Lark - 2 (Castle Rock)	Cliff Swallow - 70±
Barn Swallow - 2	Scrub Jay - 12±
Yel. H. Magpie - 30±	Amer. Crow - 6+
	Rock Wren - 8±
Common Raven - 2+	Bewick's Wren - 2
W. Bluebird - 3	Robin - 1
Mockingbird - 4+	Loggerhead Shrike - 1
Europ. Starling - 100±	Wilson's Warbler - 1
Ruf.-sd. Towhee - 2	Calif. Towhee - 1
Red-wing - 20±	W. Meadowlark - 1+
Brewer's Blackbird - 50±	N. Oriole - 3

LIDICKER
1991

May 9 cont.

House Finch - 1 House Sparrow - 10+

Mammals encountered:

dog, cat, Opossum (2 DOR), horse, cow,

Spermophilus beecheyi - 8±, sheep, goats, llama - 1

Mephitis mephitis - 1 (many obs. of other det.)

Lasiurus cinereus - 1 unidentified carcass - Castle Rock

Myotis sp. - 2 (flying at dusk) - Castle Rock

Dipodomys heermanni - owl pellets

Chaetodipus californicus - owl pellets

Thomomys bottae - owl pellets & old sign

Reithrodontomys californicus - owl pellets

$n = 4 + 2 + 37 + 16 = 59$

Tilden Park, Jewel Lake area, Contra Costa Co. Calif.

May 25

17:15 - 20:30 clear & warm to quite cool after sunset

deer seen. Birds:

Mallard - 10± Turkey Vulture - 2

Amer. Coot - 1+ Red H. Hawk - 2

Mourning Dove - 1 Great Horned Owl - 2

Anna's Hummingbird - 1 Allen's Hummingbird - 3+

N. Flicker - 1+ Downy Woodpecker - 2+

W. Wood-Pewee - 3 Black Phoebe - 3

Vio.-gr. Swallow - 5± Rough winged Swallow - 2

Stellers Jay - 20± Scrub Jay - 2+

Chestnut-bk. Chickadee - 15± Bushtit - 8±

White-br. Nuthatch - 1 (heard) Brown Creeper - 4

Bewick's Wren - 1 Swainson's Thrush - 20±

LIDICKER
1991

May 25 cont.

Am. Robin - 25 ±
Warbling Vireo - 20±
Orange cr. Warbler - 1+ (heard)
Rufous sd. Towhee - 20±
Song Sparrow - 8±
Red-wing - 10+
Brewer's Blackbird - 2
Am. Goldfinch - 2
Wren-tit - 10±
Wilson's Warbler - 12+
Blk. Hd. Grosbeak - 12±
Calif. Towhee - 10+
Dk. eyed Junco - 1
Br.-hd. Cowbird - 2+
House Finch - 1+
n = 37

Tilden Park, Big Spring Canyon area, Contra Costa Co., Calif.

May 26

16:45-20:15 clear & cool

Sylvilagus bachmani - 4 seen and felt of Salvia with ~3 ft. loose grass around it; near top of canyon hr. just. of Big Spg. Canyon trail. The first and only coast

Birds: Turkey Vulture - 12+
Morning Dove - 1+
Allen's Hummingbird - 1 ♂
Olive-sd. Flycatcher - 1
Ash-thr. Flycatcher - 1 pr.
Stellar's Jay - 10+
Bushtit - 15±
Am. Robin - 1+
Calif. Thrasher - 1
Blk. Hd. Grosbeak - 3
Rufous sd. Towhee - 25±
Calif. Quail - 5+
unk. pellet found on rock in meadow
N. Flicker - 1
W. Wood Pewee - 1
Scrub Jay - 10±
Chestnut bk. Chickadee - 10±
Red br. Nuthatch - 2+
Wren-tit - 10±
Orange cr. Warbler - 2+
Lazuli Bunting - 6
(incl. at least 2 song dialects)
Calif. Towhee (10±, including 1 pr. seen to copulate twice)

LIDICKER
1991

May 26 cont

Raptors around Sparrow - 1+ Song Sparrow - 1
Dk eyed Junco - 1 (song only) Purple Finch - 6+
House Finch - 6 Pine Siskin - 8+
Anna's Hummingbird - 12± n=28

Berkeley CA -1108 High Ct.

Record that a pr of Common Ravens have been living in the neighborhood all spring. Seem to be centered in large trees above Rose Garden.

Pt Molate + environs, Contra Costa Co., Calif.

May 27

17:15-20:15 After visiting the Pt Molate area, I went to Pt Richmond - short of survey.

1 Blk tl. Deer seen nr. Pt. Molate. Birds:

Pacific Loon - 1 (not in breeding plumage) - Pt. Richmond
Pied bl. Grebe - 1 Western Grebe - 1
Clark's Grebe - 2 Dbl. cr. Cormorant - 15±
Great Egret - 1 (Albany) Mallard - 1 pr.
Gadwall - 1 pr. Gt. Scaup - 5
Turkey Vulture - 1 Western Gull - 35±
Forster's Tern - 10± Caspian Tern - 3
Morning Dove - 8± Rock Dove - 1 (Richmond city)
Hummingbird, probably Allen's - 6±
W. Wood-pewee - 1 Rough-winged Swallow - 1
Barn Swallow - 40± Cliff Swallow - 10±
Scrub Jay - 15± Com. Raven - 10±
Amer. Crow - 3+ Bushtit - 8±
Bewick's Wren - 2 Mockingbird - 5±

LIDICKER
1991

May 27 cont.

E. Sterling - 5+ | Orange cr. Warbler - 4+
Ruf. sd. Towhee - 20+ | Calif. Towhee - 10±
Song Sparrow - 2 | White cr. Sparrow - 20+
Red-wing - 8± | Br. Hd. Cowbird - 1 pr.
House F.-c - 25± | Am. Goldfinch - 8+
House Sparrow (P+R.) - 1 | n = 37

Sacramento Valley, Clear Lake + Bodega trip

May 28 - 30

May 28 - Left Berkeley 14:30 + down to Sacramento via Concord + River Rd. Ar. 17:00 to Laura Simms with Jerry + Laura + stay overnight.

May 29 - Lv. Sacramento 8:30, took Garden Highway along river N to Hgwy 99 + then to Yuba City where we had lunch 11:45. Took Washington Blvd to Bogue Rd to Pelican + to Sutter Wildlife Refuge. After passing through refuge to W took Pumpkin Rd. N. to Levee Rd. + Franklin Rd to Tarke Rd. + then to Calif. 20 to Colusa + the Colusa Wildlife Refuge. Drove around four units in Refuge + took Calif. 20 N to Colusa + Hgwy 45 N. to Maxwell Rd. to 4-mi. Rd along W. side of Delevan Refuge. Could not find any entrance to Refuge so also along N border + followed Rd. to NE corner of Refuge. Returned to 4-mi. Rd + took Delevan Rd. to I 5. S. on I-5 to Calif. 20 + went W to Clear Lake. Got motel (20-ish m.) on S. side of Glenhaven. Good dinner in Lucerne (20:30 - 21:30). Mammals seen:

LIDICKER
1991

May 28 cont.

Shorebirds: beaches - none [illegible], along road

Ornate Shrike - 2 (Colusa Rd.)

Lesser Goldfinch - 4+ (Col. Rd.)

elk - 5 [illegible] after Calif. 20 climbs into coast

range: 1 yearling ♂ + [illegible] group of 8-10.

Birds for May 28 + 29:

Pied bl Grebe - 10± Dbl. cr. Cormorant - 5

White Pelican - 20± incl. many [illegible] (Sutter Rd.);

feeding in a group "scything" with bills

Amer. Bittern - 6 (Delevan Rd) G + Bl. Heron - 25±

Snowy Egret - 12± Great Egret - 25±

Green-backed Heron - 1

Blk-cr. N: yc Heron - 1 (Sutter Rd.), 2 (Delevan Rd), 8 (Delev. Rd)

White-faced Glossy Ibis - 1 (Delevan Rd)

Mallard - 50± Cinnamon Teal - 10±

Gadwall - 18♂ + 1 ♀ Redhead - 2+ (Sutter Rd.)

Ruddy Duck - 3 Turkey Vulture - 15±

Swainson's Hawk - 2 imm. also on May 28 near

Tyler Island; 1 was flock of about 10 (all but 1

melanistic) + 1 lt.-colored imm.) along Garden Highway;

1 ad. by itself few miles further N.

Red-t. Hawk - 15± Amer. Kestrel - 6±

Prairie Falcon - 2 (Garden Hwy) N. Harrier - 2

Ring-n. Pheasant - 45± Calif. Quail - 8±

Sora - 1 (Sutter Rd.) Amer. Coot - 15±

Com. Moorhen - 3 (Delevan Rd.) Killdeer - 25±

Black-n. Stilt - 20 ±

LIDICKER
1991

May 28 & 29 cont.

Amer. Avocet - 5 (mid. 1 hr. Hwy attached on car along 4-mi. rd.)
Long-billed Curlew - 11 (Delevan Rd.)
Calif. Gull - 1 2nd yr. (Sac. R. below Walnut Grove) +
3+ (all 2nd yr.) - 3+ (Delevan Rd)
Forster's Tern - 2 (Sutter Ref.) Black Tern - 25± (Delevan Rd.)
Rock Dove - 2 (Yuba City) Mourning Dove - 25+
Short-eared Owl - 1 (Colusa Ref.) Acorn Woodpecker - 8± (Garden Hwy)
Nuttall's Woodpecker - 2 (Garden Hwy) Downy Woodp. - 10±
N. Flicker - 1 W. Wood-pewee - 8±
Ash-th. Flycatcher - 1 (Garden Hwy) Black Phoebe - 1
W. Kingbird - 50± Tree Swallow - 60±
Barn Swallow - 40± Cliff Swallow - 220±
Scrub Jay - 30± Yel. H. Meadlark - 50+
Amer. Crow - 50± Com. Raven - 2 (Coast range, Ca. 20)
Plain Titmouse - 3 (Garden Hwy) Bushtit - 20±
Bewick's Wren - 1 (Sutter Ref.) House Wren - 15±
Marsh Wren - 20± Amer. Robin - 20+
N. Mocking bird - 10± Loggerhead Shrike - 4
Europ. Starling - 25± Solitary Vireo - 1 (Song, Garden Hwy)
Yellow Warbler - 1 (Colusa Ref.) Wilson's Warb. - 2+ (Garden Hwy)
Blk-H. Grosbeak - 1 (Sutter Ref.)
Blue Grosbeak - 2 (Colusa Ref.) - 1 ad ♂ + 1 in ♀ plumage, w/ yellow band
Ref. sl. Towhee - 12± Calif. Towhee - 5±
Song Sparrow - 2 Red-wing - 1 (Sutter Ref.)
W. Meadowlark - 25± Br.-h. Cowbird - 25+
Yellow-headed Blackbird - 1 ♂ (Sutter Ref.) - acted territorial
Brewer's Blackbird - 30+ Bullock's Oriole - 20±

LIDICKER
1991

May 28-29 cont.

Horned Grebe - 80+ Am. Goldfinch - 1+
Horned Sparrow - 25+ Townsend Warbler - 1♂ (Sa Hwy Rd.)
λ = 78

Weather on 29th: mostly overcast & very pleasant.
Lights were in early afternoon & again at Clear Lake.

May 30 - Weather: clear with strong N & W. winds
following all day; cold in AM & cool most of day.
Route: breakfast in Nice. Took Lucerne highway along N. side
of Lake; Hwy 29 S to Ca. 175 to Hopland. Hwy 101
to Healdsburg & then along Russian River to coast & S.
to Bodega Bay. Looked around Marine Sta. briefly & then
to Bodega Head. Continued S. on Ch. 1 to Audubon Canyon
Ranch on Bolinas Lagoon (it was closed). Returned to
Pt. Reyes Bird Observatory & then had dinner in Bolinas.
Returned home via Olema to Fairfax to San Rafael.
Arr. home ~ 18:45.

Saw Sciurus griseus just W of pass on Hopland Rd
(CA 175), & gray fox came trotting out of the entrance
to Audubon Canyon Ranch (~ 16:30). Birds recorded:
Red thr. Loon - 3 (1 Horseshoe Cove, 1 Bodega Bay, 1 Hwy Milano)
Common Loon - 10± (Bodega Bay) - 1 in breeding plum. + 1 partially
Western Grebe - 2+ (Bod. Bay), 2 (N end Clear Lake)
Clark's Grebe - 50± (Clear Lake), 2+ (Bodega Bay)
unident. grebes - 10±; 1 group of 3 seen from orig. about 40 yd.
away on Bodega Bay consisted of 2 Westerns w/ greenish &
smaller bills + 1 Clark's with yellowish & larger bill.
Brown Pelican - 2 (Bod. B.) Brandt's Cormorant - 1+
Dbl cr. Cormorant - 6± (Clear Lake)

LIDICKER
1991

May 30 cont.

Pelagic Cormorant - 3 + Unident. cormorants - 25 ±

Snowy Egret - 15 ± Great Egret - 20 ±

Mallard - 20 ± (Clear Lake), 10 ± (elsewhere)

Greater Scaup - 3 Black Scoter - 12 ± (Bodega Bay + N of Pt. Reyes, along coast)

Surf Scoter - 20 ± (all along coast)

White-winged Scoter - 6 (Bodega Bay)

Red br. Merganser - 4 (Bod. Bay) Turkey Vulture - 50 +

Osprey - 1 ad + nest w/ 1 + juv at N end of Clear Lake;
- 3 Bolinas Lagoon

Black-sh. Kite - 1 (Ft. Ross, W Olema)

Red-shouldered Hawk - 1 (Lower Russian R.)

Red-tailed Hawk - 10 ± Calif. Quail - 12 ±

Killdeer - 10 ± Willet - 23 (Bolinas Lag.)

Whimbrel - 13 (Salmon Ck. Beach)

Bonaparte's Gull - 20 ± (only 1 w/ blk. head) at N. end Clear L.
- 25 ± (Bolinas Lag.)

Ring-b. Gull - 25 ± (N. end Clear Lake); 20 ± (Bol. Lag.)

Herring Gull - 2 ad. + sev. imm. in Clear Lake + sev. at N. end

Western Gull - 250 ± Glaucous-winged Gull - 3 imm.

Caspian Tern - 1 Pigeon Guillemot - 1

Rock Dove - 6 ± Mourning Dove - 15 ±

Band-tailed Pigeon - 2 (Bolinas Lagoon)

Acorn Woodpecker - 1 N. Flicker - 1

Ash-th. Flycatcher - 1 (heard only) Cliff Swallow - 80 ±

Barn Swallow - 80 ± Steller's Jay - 5 ± (first we saw
E. of pass to Hopland (CA 175)

Scrub Jay - 15 ± Amer. Crow - 15 ±

LIDICKER
1991

May 30 cont.

Com. Raven - 1 — Chipd. Mk. Chickaree - 1+

Hermit Warbler - 2+ (heard) — Marsh Wren - 8+

Amer. Robin - 2+ — Europ. Starling - 30+

Orange-cr. Warbler - 2+ (cr. pass to Hopland, CA 175), 1+ elsewhere

Yellow Warbler - 1 — Red-sd. Towhee - 10+

Song Sparrow - 20+ — Wh.-cr. Sparrow - 10+

Red-wing - 100+ — Brewers Blackbird - 100+

Yellow-headed Blackbird - 1 ♀ (carrying food) - N end Clear Lake

Br.-hd. Cowbird - 20+ — House Finch - 35+

Amer. Goldfinch - 10+ — House Sparrow - 30+

λ = 61 — Fox White Hill λ = 107

R: Shaw Field Station, R: Shaw CA.

June 7 - Louise & I visited R Station 14:20 - 15:15 & walked over old grid, across to fog chamber & W to other side of road & back. Few old M: crotus runs visibly affected. 2+ active runs on grid centered in Hordeum brachyantherum patches. Only a few individuals of Hordeum brachyantherum found through fog chamber. Grid is definitely dominated by Stipa patches, Danthonia californica & lots of Lolium. M: crotus population definitely low.

Russell Reservation, Lafayette CA.

June 7 - Louise & I visited Res. from 16:00 - 17:55.

Small amount of M: crotus sign, esp. especially in Elymus patches. Only 1 possibly-active run found in annual grass. Very discrete Elymus patch found above grid # 4.

W. Flycatcher - 1 heard

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June 4 - Meridian Ave, Berkely, CA - a Nuttall's Woodpecker seen in Sycamore tree.

ASM meetings, Manhattan, Kansas
14 - 20 June

June 14 - Arr. Kansas City, MO, + rented car to drive to Manhattan with Louisa. Francis Villablanca went with us in both directions. Thunderstorms + tornados around us. Arr. Manhattan ~ 20:00

June 15 - 19 ASM meetings at KSU. On June 17 was luncheon at Konza Prairie Research just S of Manhattan. We arrived there about 18:00 + took a hike with the same group of Research Lab ~ 21:00. ~~Afterwards~~ On June 18, we drove N + then to visit Konza Prairie Research Lab + were around the Tuttle Creek Reservoir + area around the dam (08:00 to 9:15). After the last session on June 19 we returned to the Konza Prairie (16:45 - 20:15) + took the 2.7 mi. public trail.

June 20 - Picked up Francis at the dorms (09:00 + drove on US 24 (rather than I 70) back to Kansas City airport. Took long slow drive to Wyandotte County Park. Arrived at airport ~ 12:15 + returned home.

Mammals noted:

Bison - none seen. But tracks + wallows noted at Konza P.

Odocoileus virginianus - several seen at Konza Prairie on June 17 + 1 on June 19.

Procyon lotor - 1 adult watched at Konza P. (19 June, ~17:00), was foraging in grass adjacent to forest.

LIDICKER
1991

14-20 June cont.

~~Extra~~ Lynx rufus - seen in 2 places at Konza P. on 19 June

Sylvilagus floridanus - 1 seen

Geomys - 1 mound noted at Tuttle Creek St. Pk (below dam)

Ixodes - 2 ziga and several light ones - Manhattan

Birds noted: (Konza Prairie = KP; Manhattan = M; Tuttle CK Pk & Res = TC; Wyandotte Co. Pk = WCP; highway between Kansas City & Manhattan = KCM)

Gt. Bl. Heron - 1 (KP 17th), 1+ (KP 19th), 1 (TC)

Wood Stork ? - both M & Topeka on 20th, Louise & Francis saw a large white bird, possibly with black wing tips flying toward the Kansas River; no soaring noted. It was driving & seen only a very large bird heavily visible to naked eye.

Canada Goose - 20± (WCP)

Mallard - 3 (WCP)

Turkey Vulture - KCM - 6+ on 14th & 1+ on 20th.

Red tl. Hawk - KCM - 1 on 14th & 1 on 20th

Rg nk. Pheasant - 2 (KP-19)

Gr. Prairie Chicken - ? 1 formerly seen at KP flying in on a wheat field ↑

N. Bob-white - 20± + 20± (KP), 1+ (TC)

Killdeer - KP - 1+1; KCM - 1

Upland Plover - 1 KP-17

Rock Dove - M seen

Mourning Dove - 75±

Yellow-billed Cuckoo - KP-2 17th, 15± 19th, WCP-1

Com. Nighthawk - 8± (M), (KP-17) - 10± including 1 down at nest & gave "spitting" type of call several times & also

LIDICKER
1991

14-20 June cont.

slow + "split" several times over the [illegible]. (KP-19) - 8 ±

Common Poorwill - 3 + (KP-17)

Chimney Swift - 40 ± (KP-17), 5+ (KP-19), 8 ± (M), 5 ± (TC)

Belted Kingfisher - 1 pr. (KP-19), 1 pr (WCP)

Red-headed Woodpecker - 1 (M), 1 (KP-19)

Red-bellied Woodpecker - 3 (KP-19)

Downy Woodpecker - 3 (KP-19)

N. Flicker - 1 (KP-19), 1 (KP-17)

E. Wood Pewee - 1 (TC), 3 (KP-19), 1 (WCP)

E. Phoebe - 1 (KP-19)

Least Flycatcher - 1 (TC)

Gt. Crested Flycatcher - 1+ (TC), 5 ± (KP-19), 1+ (WCP)

W. Kingbird - 1 pr. (M)

E. Kingbird - 3 + (KP-19)

Purple Martin - 20 ± (TC), 1 (WCP)

Barn Swallow - 10 ± (KP-17), 8 ± (M), 10 ± (KP-19), 5 (KCM)

Bluejay - 1 (M), 3 + (TC), 12 ± (KP-19)

Amer. Crow - 1 (KP-17), 1 + (M), 8 ± (KP-19), 3 + (TC)

Black-capped Chickadee - 1 + (M), 15 ± (KP-19), 2 + (WCP)

Tufted Titmouse - 2 (KP-19)

White-br. Nuthatch - 1 (M) - heard only

Blue-gray Gnatcatcher - 1 (KP-19)

E. Bluebird - 15 ± (KP-19), 2 + (TC)

Amer. Robin - 18 ± (M), 8 ± (KP-19), 8 ± (TC), 40 ± (WCP)

Gray Catbird - 1 (WCP)

Brown Thrasher - 1 (TC), 1 (KP-19), 1 (WCP - Francis V.)

Eur. Starling - com in towns + farms

Ovenbird - 1 [illegible] heard (WCP)

LIDICKER
1991

14-20 June cont.

N Cardinal - 5± (KP-17), 20+ (KP-19), 5± (M), 5+ (TC)

Blue Grosbeak - 1 (KP-19)

Indigo Bunting - 6± (KP-19), 1 (TC)

Dickcissel - 12± (KP-17), 20± (KP-19)

Chipping Sparrow - 1 (TC), 1 (WCP)

Field Sparrow - 10± (KP-19)

unidentified sparrow - 1 (KP-19) with song heard many times: series of whistles followed by liquid trill. Seen but not well enough to identify. Had long striped tail & forked & plain breast.

Lark Sparrow - 1 (KP-19)

Grasshopper Sparrow - 10± (KP-17), 8± (KP-19)

Red-winged Blackbird - 3+ (M), 2+ (KCM)

E. Meadowlark - 20± (KP-17), 15± (KP-19), 2 (TC)

Bullock's Oriole - 2 (KCM), 1 (KCM-20)

Common Grackle - 20± (M), 30± (KCM), 10± (TC)

Brown-hd. Cowbird - 1+ (KP-17), 8± (KP-19)

Baltimore Oriole - 2+ (KP-17), 1 (KP-19), 1 (WCP), 1+ (TC)

Amer. Goldfinch - 8± (KP-17), 8± (KP-19), 5± (TC)

House Sparrow - common in towns & near farms

n = 58

Mendocino Woodlands, Mendocino Co., Calif.

22-29 June

Mammals noted:

Scapanus latimanus - 1 found dead on trail; several mitant, plus several tunnels noted.

Sciurus griseus - several seen & more heard

LIDICKER
1991

22-29 June cont.

Eutamias sonomae - occ. seen + more heard

Perognathus fasciatus - tracks

Mephitis mephitis - scent trails

Lynx canadensis - 1 ad. seen on edge of pond - looking + pacing; the animal initially with winter; likely spring when seen ~15 ft. from pond edge.

Urocyon cinereoargenteus - scats only

Odocoileus hemionus - lots of sign

Castor canadensis - tracks + tree cuttings

~~Felis~~ Lynx rufus - ~~two~~ scats

Thomomys bottae - sign common

Sylvilagus sp. - 1 seen dog rel. to camp on 29 June. Presumably bachmani, but scored the size of nuttalli.

Herps:

Clemmys marmorata - 3 kg. adults seen on 1 day + 2 (same place) on another day.

Thamnophis - probably couchi seen near edge of pond.

Hyla regilla - common

Birds noted:

Turkey Vulture - 5+

Winter Wren - 5+ Olive-bk. Thrush - 10±

Robin - 3+ W. Wood Pewee - com.

Ruf. bk. Hummingbird - com. Brown Creeper - 6+

Com. Raven - 2+ Steller Jay - com.

Wilson's Warbler - com. Song heard on most days at least 1 seen. Det. of Hermit Warbler

LIDICKER
1991

22-29 ~~out~~ June cont.

Red-bearded Sapsucker - 2 seen/or heard every day (22 June to 1 July)

Vaux's Swift - 1 seen 24 June, 3 on 29 June, + heard at other times

~~Townsend~~, Dusky Flycatcher - seen, Song Sparrow - com.

Two unidentified songs:

1) warbler like ——— ——— ~~———~~ ——— heard 2x

2) heard whistling sweet, sweet, sweet, etc.

Hawaiian trip

28 July - 7 August

July 28 - Left SF. + flew to Hilo via Honolulu.

While in airport in ~~Hilo~~ Honolulu saw 1 ♂ Red-vented Bulbul, ~~Common Myna~~, + House Sparrow. Arr. Hilo ~ 2:30 pm. Checked in to Hilo Hotel. Attended joint meeting of Soc. Study Evolution, Soc. Syst. Biology, and Amer. Soc. of Naturalists held at the University in Hilo

July 29 - meetings all day + evening

July 30 - Free day so we rented a car + drove S to the Hawaii Volcanoes Natl. Pk. First we drove S + took Hwy 130 to Pahoa + then 132 to the coast stopping at Lava Tree State mon. which we found in heavy rain. It rained off + on all day. Went S along coast on Hwy 137 to finish just past jct. w/ 130 where road has been cut by newly flowing lava (5-6 months ago). Spent some time walking on this new lava fronting along coast until we could see steam jets coming out of the lava + short distance ahead. Out on the lava we saw 2 ? spiders at least 500 m from the lava edge. One was a very small web spider in a lava crack + the other was

LIDICKER
1991

July 30 cont.
a burning sphincter that was quite small and grimpled like a prune stopper when thoroughly. Returned to Pahoa where we had lunch. Returned to Hwy 11 & continued on to the Natl. Park. Drove around Kilauea Crater to S (counter-clockwise), & took chain-of-craters rd. to the coast & N to where rd. was cut by recent lava flow (23 mi. from start of rd.). Walked 1+ mile over lava, passed old stone church yard & on to where lava was still flowing into the ocean. Quite a sight. Returned to complete our circuit of Kilauea Crater when it got dark. Returned to Hilo for dinner at the Fuji Restaurant (Hilo Hotel).

July 31 - 07:00-12:30 Went on field trip organized by Conference & centering on avian biology. Our 3 leaders were: Lanny Freed, Becky Cann, & Jaan Lefson. Also on the trip was Joshua Kreb (Oxford), Colin B (New Zealand), & Diane Hawes (Ariz St. U). We took the Saddle road to a kapuka at mile 21 & explored this completely. It is reputedly one of the best spots for native birds on the island. Then we took the "power line road" which heads N & S from Mauna Loa & is heavily forested with 4-wheel drive. Drove ~ 3 mi. & walked another mile to a kapuka on W side of rd. Explored this & took our lunch. On way back we stopped to see Kaumana Cave ~ 4 mi. from Hilo.

Meeting all afternoon; banquet in evening.

Aug. 1 & 2 - meetings all day & evening of 1st.

Aug. 3 - Left Hawaii for Maui at 09:00 & flew on to Lanai arriving 12:00; met by my brother George.

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Birds seen on the Island of Hawai'i, July 28 - 3 Aug.:

Nene Goose - 2 s. rim of Kilauea Crater (30 July)

Black (White-cuffed) Noddy Tern - 100± off coast
nr. Kaena Pt. (Volcanoes Natl. Pk.).

Gray Francolin - 1 (Power Line Rd.) (31 July)

Hawaiian Hawk (Io) - 1 seen by others ~ July near
Kaumana Cave.

Spotted (Chinese) Dove - com. ~ Hilo + at low elevations
elsewhere in Isl.

Zebra (barred) Dove - com. ~ Hilo at low elevations

Common (Indian) Myna - abund. ~ Hilo & at low
elevations elsewhere.

N. Mockingbird - rare. Formerly rare ~ Hilo

Japanese White-eye - 2+ near edge of lava at Hokuma
Pt. + 2 nr. Thurston Lava Tube (Natl. Pk.), + 1
Louise also saw 1 ~ Hilo.
heard ~ Kapoho 21. At first location also saw
1 individual that foraged like a creeper (nuthatch), was
dull olive green color, bill moderately long + almond shaped +
had a whitish wash under its eye. L. Freed thought it
might be a young white-eye rather than a creeper.

Elepaio - several seen near the Thurston Lava Tube,
3 at Kapoho 21 + 3 at Power-line Kapoho.

Iiwi - 2 at Kapoho 21 + 2 at P.-l. Kapoho.

Apapane - 1 " + 3 "

Com. Amakihi - 3+ " + 5+ " (1 on shrub on lava near forest)

Omao - 5 " + 4 " (mostly heard but few seen)

House Sparrow - com ~ Hilo + fruiting areas

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Birds Hawaii cont.

House Finch - freq. in Hilo & other inhabited areas

N. Cardinal - com. in Hilo & at low elevations elsewhere

Nutmeg Mannikin (Ricebird) - com. in Hilo

n=17 (not counting Hawks)

Also saw mongoose on numerous occasions, various elevations

Aug 3 cont.

George gave us a tour of Lanai City & vicinity, including the Koele Lodge. Played "putting golf" with G. & Kathy & visited swimming & other facilities 5. ½ hrs.

Aug 4

George took us to Manele Bay after touring pineapple fields. Showed us newly opened Manele Bay Hotel & went swimming at Hulopo'e Bay beach & went snorkeling off cliffs & edge of beach (got bitten in finger by big dark fish with fine dk. lines along side, ~1½ ft in length). More swimming. Dinner at Koele Lodge (8:30 pm - 10:30)

Aug 5

From 10:00 - 18:50 hrs. borrowed a "jeep" from George & toured around island. 10:15 - ~14:00 drove up Munroe Trail from N end. Got almost to highest point before coming to a giant mud puddle we could not get through after several tries (5.3 mi. from entering at base of trail). Walked ½ + mi. to crest of trail (~6 mi. from entering) & then returned the way we came. About 50 ft. below the crest (~1000 m) = 3320 ft. each caught a small skink that was disappearing into the heavy fern ground cover (WZL 4112). Nearly we saw another skink perhaps slightly larger. Took photo of general area. Also found a small earthworm on the path. As it was badly dehydrated we put it in a puddle at the road.

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Aug 5 cont.

Drove NW toward Garden of the Gods (Kanapuu Hgwy). Turned N. toward coast on Awehua Rd. + descended to near the coast (2.5 mi.) + then climbed back + went down Kaena Rd to a few miles from coast + returned. Caught gecko + Lepus then evening (WEL #813).

Aug 6 - Drove to Manele Bay harbor at 09:00 when we took tour on pontoon boat to 11:45. We were the only passengers + skipper was "Larry". We went around Sweetheart Rock + W along coast, past Palaoa Point, Kahekili's jump + N to Kaumalapau, the island's port. Then we returned to Kahekili's jump where we snorkeled along the edge of the cliffs + a small cave. Returned to Manele Bay + to have lunch with George. Returned to Lanai City. Then about 14:00 drove N + NE on Keomuku Rd. At the coast we drove 1.1 mi. NW along Shipwreck Beach, stopping to look around + walk on in the surf. Then we drove 7 mi from the rd. junction (and 6 pavement) along the coast in the other direction (SE). We passed the old church at Keomuku + continued almost to the small village + harbor at Kaiaha Hawaii. Returned to Lanai City at dusk + drove S of town into the pineapple fields (abandoned) to look for owls.

Aug 5 cont. Drove 2.3 mi. down Kaena Rd. from jct. with Polihua Rd. + then walked down about with ½ mi.. At about 1.6 mi. down this road a sparsely grassy of a Lagomorpha type begins ("mesquite"). On the way back we again examined the area of dry forest (gardens mostly) SE of the "Garden of the Gods"; saw on both sides of the road

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Aug 5 cont.

Reportedly about 180 cc. have been sent with for the Nature Conservancy. These forest patches seem to be predominately of 1 species of tree which has large leathery leaves. Also all the forests on Lanai were found from the strong prevailing winds. Took photo of this forest near jct with Lapaiki Rd.

Aug 7 - Took 09:30 flight to Honolulu where we had a 3 hr wait for flight back to San Francisco. In the gardens at the airport, saw 1♂ + 1♀ Red-vented Bulbul, Common Myna, + House Sparrow. Arrived home ~ 10:30 pm PDT.

Mammals noted on Lana'i:

feral cats - common ~ Lanai City + around Manele Bay.

Mus musculus - remains in owl pellets found on Keomuku Rd. (Aug. 5), 1 dead individual found on Shipwreck Beach Rd (Aug. 6), + 1 seen run across road at dusk just S. of Lanai City (Aug. 6).

Axis deer - sign seen in mtns. + Some reports seeing them frequently around Lanai City. Deer sign (trails + droppings + tracks) abundant and in dry forests in the vic. of Garden of the Gods. Three goats (8, 2, 2) seen along the Keomuku Rd, + also found 1 partial skeleton (including part of skull).

"mouflon" - a large slender horned sheep seen at our lowest overlook on the Keomuku Rd (Aug. 5) - n=4. Two individuals seen on the lower part of the Keomuku Rd. (Aug. 6)?? NW side. Noted prominent black stripe on underside

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Hawaii trip cont.

from the chin to the chest. Hawks on these 6 individuals were the Harrier or Barking Sheep (2 smaller ones but no bands or only markings - 1 in each group.)

~~Reptiles~~ Geckos reported to mongooses on the island.

Reptiles noted from Lanai:

Skink - seen notes on Aug. 5

gecko - see notes on Aug. 5; reportedly they are common.

George & Kathy think that anoles also occur on Lanai but we saw none.

Green sea turtle - ~10 watched feeding in surf just off lava rocks along SE shore at Beach (Aug. 6). Seemed to be 2-3 ft in carapace length.

Lana'i Bird List:

Hawaiian (Dark-rumped) Petrel - 1 (SW cliffs) Kahekili's Jump

Black (White-capped) Noddy - 6+ vic. Kahekili's Jump & 1 more seen along S. shore of island

White-tailed Tropicbird - 4 soaring in Hauola Gulch or E. side (seen from Munro Trail); 3+ along sea cliffs, SW side of island.

Black-crowned Night Heron - 6 all flying at dusk from S of Lana'i City (Aug. 6) toward NW & settling ponds.

Gray Francolin - abundant from Lana'i City to coast; a few at slightly higher elevations; many broods seen (mostly > ½ grown).

Ring-necked Pheasant - common on Palawai Basin

Wild Turkey - seen frequently from ~ 800m to sea level (on both N & S ends of island).

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Lana'i bird list cont.

Lesser Golden Plover - 1 (N. end Palawai Basin); 1 (NE coast)

Wandering Tattler - 1 (base of SW cliffs)

Sanderling - 1 (NE coast)

Ruddy Turnstone - 8 (NE coast)

Rock Dove - 1 (NW coast, nr. Kaena Pt.); 1 (Manele Bay)

Spotted (Chinese) Dove - seen frequently on Palawai Basin but not as common as around Hi:lo.$

Zebra (Barred) Dove - abundant from Lana'i City to coasts. Especially common in "mesquite" forests above N & E coasts. Seen up to ~600 m.

Short-eared (Hawaiian) Owl - 3 seen at dusk S. of Lana'i City (Aug. 6).

Eurasian Skylark - 4± on NW coast & 4± NE coast & fairly frequently 2 seen on Palawai Basin & vicinity.

N. Mockingbird - 2 (juveniles); 1 (N. slope)

Com. Myna - common; most abundant on Palawai Basin but seen from sea coast to ~650 m.

Japanese White-eye - a few seen from sea level (Manele Bay) to top of Lana'i Hale.

N. Cardinal - common in Lana'i City & also seen at somewhat higher elevations & to coasts (both N & S).

Near Manele Bay, a flock of mixed N. Cardinals & Red-crested Cardinals was seen.

Red-crested Cardinal - common around Manele Bay & 1+ seen on N. coast as well.

House Finch - seen regularly on Palawai Basin

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Lana'i: Bird List cont.

Common Amakihi - 1 seen + 2 light identifications on Munro Trail, but not seen well.

Apapane - 2+ at ~900m on Munro Trail

House Sparrow - common + widespread

Warbling Silverbill - flock of ~12 seen and heard in Koele pine fields.

Nutmeg Mannikin (Ricebird) - common, especially on Palawai: Base but seen up to 2 light identifications on Munro Trail, even in native + mixed forests, + also a few at lower elevations.

n = 27

Farallon Islands trip

August 18 5:30-16:30

Louise + I boarded boat shortly after 5:30 at Emeryville Marina. Trip was sponsored by Golden Gate Audubon Soc.; leader was Peter White. Overcast except for ~ 3:00-4:30 pm when sun came out as we were approaching Golden Gate Bridge. Fairly rough seas on way out + then relatively calm. Went directly to Farallon Islands and approached them closely on SE Island. Then went W toward edge of continental shelf, churning, as we went for several miles (taking a cloud of gulls with us is supposed to attract albatrosses + shearwaters.) Then we returned to Farallons, and went NW for several miles looking for migrating Humpbacked whales. Returned to vicinity of Farallons + then headed directly back. Cost: $29 each. Saw 3 Humpbacks on separate occasions for one on the ocean.

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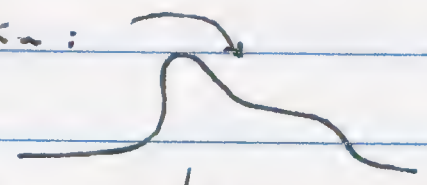
Aug 18 cont.

Mammals seen:

Humpback Whale - 2 watched feeding for ~ 20 min.
seen mi. NW of Farallons. Did flukes up dive once.
Saw hump ant. to dorsal fin:
One whale smaller than other



N. (Stellers) sea Lions - ~ 20 seen (1 of W/ group of Zalophus)
Calif. Sea Lions - ~ 30 seen + on 2 occasions 1 or 2 individuals seen to "porpoise". I was surprised that they came clear out of the water. This was away from the Islands.
Elephant seals - 2 group of ♀♀'s + juvs. (~10) on island beaches.
Harbor seals - ~ 10

Birds seen:

Black-footed Albatross - 1 (W. of Far. Is.)
Pink-footed Shearwater - 2 (W. of F.I), 1 (to NW of FI)
Sooty Shearwater - 35 ±
Brown Pelican - 25 ±
D. cr. Cormorant - 40 ± (S.F. Bay), 3 (F. I.)
Brandt's Cormorant - 100's vic FI
Pelagic Cormorant - 100's vic F.I.
Whimbrel - 1 (FI)
Wandering Tattler - 2 (F.I.)
flock of Dowitcher-sized sandpipers flying over SF Bay - 15 ±
Red Phalarope - 80 ±
Heerman's Gull - 5+ (S.F. Bay + a little past Golden Gate)
Ring bl. Gull - 1 (Emeryville)
Herring Gull - 30 ± (S.F. Bay + a little past G.G.)

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Aug. 18 cont.

Western Gull - 1000's

Elegant Tern - 25± (a few in Bay, most within 1 mi. of G.G. Bridge)

Forster's Tern - 1 (Emeryville)

Common Murre - 500± (two pairs inside GG to FI.)

Pigeon Guillemot - 50±

Cassin's Auklet - 35± (almost all within a few miles of F.I.)

Rhinoceros Auklet - 3 (FI)

Tufted Puffin - 25± (mostly nr. F.I.)

White-throated Swift - 1 (F.I.)

Belted Kingfisher - 2 (FI)

1 unident. ♀-sized land bird NW ocean ~¼ mi. from FI observer looking for place to land)

Red-w. Blackbird - 1 (Emeryville) n=24 + 2 unident.

Aquatic Park, Berkeley, CA.

Sept. 2 17:45 - 19:45 warm & clear.

Birds counted:

Pied-b. Grebe - 18±	Dbl. cr. Cormorant - 20+
Great Egret - 5+	Snowy Egret - 25± (incl. many juvs.)
Blk cr. Night Heron - 7	Canada geese - 10±
Mallard - 30±	Scaup - 1 ♀
Ruddy Duck - 1 ♂	Amer. Coot - 1
Killdeer - 3	Blk. bk. Stilt - 4
Amer. Avocet - 8±	Gt. Yellowlegs - 12
Wandering Tattler - 1 (on concrete pier off island in lake)	
Ring-b. Gull - 30+	Herring Gull - 1
Forster's Tern - 20±	Rock Dove - 2
Mourning Dove - 15+	Belted Kingfisher - 1 ♂

Eldicker

1991

Sept. 2 cont.

Bush-tit - 6± | Eur. Starling - 1

Calif. Towhee - 20± | Red-winged Blackbird - 8±

Brewer's Blackbird - 1± | House Finch - 1 | n=27

Marin Headlands - 22 Sept. W/LNL

11:30-2:45 p.m. Hiked from over headlands. Met waiting at the Lighthouse for awhile went to Pt. Bonita Lighthouse, stopped at Rodeo Lagoon & then went back to top of headlands (still foggy). Cool w/ se. winds for W.

Pied-bill. Grebe - 6± (Lagoon) | Brown Pelican - 15±

Double-cr. Cormorant - 20± (Lagoon) | Pelagic Cormorant - 50± (outer coast)

Snowy Egret - 3 | Great Egret - 2

Mallard - 8± (Lagoon) | Turkey Vulture - 10±

Sharp-shinned Hawk - 15± | Cooper's Hawk - 20±

Swainson's Hawk - 1 (normal color phase)

Barn. Owl - 8± (Lagoon) | Sanderling - 2 (Pt. Bonita)

Black Turnstone - 1 (Pt. Bonita) | Ruddy Turnstone - 2 (Lagoon)

Heermann's Gull - 3 | Ring-b. Gull - 1

Herring Gull - 20± | Western Gull - 50±

Mourning Dove - 1 (Richmond) | Barn Swallow - 1 (Richmond)

Warbler? - 2 calls not heard very well. Sparrow - 1 sp. | n=23

San Francisco Bay, Marin Co. Shore

Oct. 6

Explored the Marin Co. shore of the Bay with Louise. Left home ~ 10:30, returned 16:30. Warm & clear day but Lazy. We started at Strawberry Spit & Richardson Bay. The spit has been dissected with a channel separating the distal section which is a

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1991.

Oct. 6 cont.

Harbor Seal sanctuary & the proximal portion on which giant homes are rapidly being built. Veered in across the split above the high tide line. Passed inlet exits across the split just N of the first. We saw 1 seal in this channel on another later in the lagoon, possibly the same individual. Down around the Tiburon Peninsula including Belvedere & continued N to Larkspur. Walked to end of Greenbrae Boardwalk. Then stopped at Larkspur Landing for lunch. (~ 14:30).

Continued N to San Rafael & then along the N side of San Rafael Bay (stopping to view the Marin Islands), to Pt. San Pedro (McNear Beach). Went on to Channel Camp where we looked west & then continued NW along the peninsula & back to Hwy 101. There are some magnificent saltmarshes along the N shore of this peninsula.

Potential sand Lapwing site was noted on W. end of W. Marin Island & also on Red Rock (nr. China Camp). We also viewed the Sisters Islands off Pt. San Pedro.

Birds noted:

Pied bl. Grebe - 2	Eared Grebe - 1
West. Grebe - 4	D. cr. Cormorant - 50 ±
Brown Pelican - 1 (L)	Gt Bl Heron - 3
Great Egret - 3	Snowy Egret - 10 ±
Mallard - 1 + (Streaking Lap.)	Pintail - 12 ±
Surf Scoter - 10 ±	T. Vulture - 10 ±
Amer. Coot - 12 (Streaking Sp.)	Blk. bl. Stilt - 10 ±
Amer. Avocet - 50 ±	Sp. Red Sandpiper - 1 (Streak. Sp.)

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Oct 6 cont.

Herring Gull - 3 (1 + San Pedro & China Camp)
Ring B. Gull - 40 ±
Calif. Gull - 1 (China Camp)
Herring Gull - 40 ±
West. Gull - 20 ±
Forster's Tern - 10 ±
Rock Dove - 2
Anna Hummingbird - 1
Scott Jay - 10 ±
Am. Crow - 10 ±
Chest. bk. Chickadee - 2 + (Bird.)
Red br. Nuthatch - 1 (Bird.)
N. Mockingbird - 1 (Tiburon)
Enr. Starling - 10 ±
Yel. rumped Warbler - 5 ± (Starling Sp.)
Calif. Towhee - 2
Song Sparrow - 2
White-cr. Sparrow - 8 ±
Brewers Blackbird - 25 ±
Harris Sparrow - 2 + (via Greenbrae B.)
n = 36

New England Swamp 16 - 19 Oct.

Oct. 16

Drove from Cambridge, MA to Provincetown via Plymouth & Cape Cod. Overcast all day with rain most of the time. Warm only first cool front and 1 day. Stayed at East Harbor Motel. Mammals noted:

Sylvilagus - 1 + tracks in several places
Sciurus carolinensis - Salt Pl. - very brown on back & head
Tamias striatus - 1 Salt Pl.

Birds seen:

D. cr. Cormorant - 50 ±
Gt. Bl. Heron - 1 + (Salt Pd)
Black Duck - 15 ± (Plymouth area), Mallard - 30 ± (Plymouth area)
Sem.-palmated Plover - 7
Black-bel. Plover - 2
Sanderling - 3
Lesser Yellowlegs - 1
Laughing Gull - 1 (Salt Pd.)
Herring Gull - abund.
Gt BB Gull - 10 +
Ring B. Gull - 50 ±
Common Tern - 80 ±
Sh.-shinned Hawk - 1

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Oct 16 cont.

Red Dove - abund (Boston area)	Mourning Dove - 7
Downy Woodpecker - 1	Bluejay - 30±
Amer. Crow - 20±	Blk-cp. Chickadee - 2+
Amer. Robin - 10±	Cedar Waxwing - 40±
Eur. Starling - abund (Boston area)	Yel. rumped Warbler - 2+
N. Cardinal - 2+	Savannah Sparrow - 2
Song Sparrow - 3	White-throated Sparrow - 1
House Sparrow - many	n=29

Oct. 17 - breakfast N Eastham. Drive S. to Great Island trail to "The Gut" via Wellfleet; Nauset Beach to Coast Guard Beach + back to Hwy 6. Hwy 28 to 39 to 28 to Dennis Port to Hyannis; Hwy 132 to 6, to 6 East to Rt. 25 to I 195 to Mattapoisett (lunch) on Buzzards Bay; to Fairhaven to I 195 to Fall River, Hwy 24 to Tiverton to Portsmouth to Bristol to Providence. I 95 to I 495 to I 93 to Salem, New Hampshire. Stayed at Susse Chalet. Started to rain along S. coast of Cape Cod + after lunch it was continuous hard rain until it lightened up late in evening. Saw Tamiascimrus hudsonicus at Wellfleet.

Birds noted: Manx Shearwater? - 1 Nauset Beach: wind was so strong + sand blowing, so could not get steady look but seemed to be a moderate sized shearwater flying S, dark blackish above + white below.

N. Gannet - 4 (1 ad, 1+ 2nd yr. + 2 1st yr.) - Coast Guard Beach

D. c. Cormorant - 200± Gt. Bl. Heron - 5

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Oct. 17 cont.

Mute Swan - 6+ Canada Goose - 30±

Black Duck - 12± unident. scoters (not. Wh.-w.) - 10± Nausa B.

Com. Eider - 1♂ + 3♀ Bay s:h of Great Island + 1♂ Dennis Port

Red br. Merganser - 75± all ♀♀, Bay off Great Island

unident. ducks, possibly Old-squaw off Cape Cod Bay

Bl.-bel. Plover - 3 Sanderling - 25±

unident. sandpiper - 2 flying with flock of Sanderling at

Dennis Port Beach where there is a mix of rock jetties

separated by sandy beaches. Slightly larger than Sanderling &

possibly Purple Sandpipers.

Ring bl. Gull - 20+ Herring Gull - 250±

Gt. BB Gull - 20± unident. accipiter - 1

Red Dow - 15± Mourning Dow - 1

Belted Kingfisher - 1 (Gut) N. Flicker - 4+

Tree Swallow - 300± (Gut) Blue Jay - 20±

Amer. Crow - 50± Tufted Titmouse - 1+

Blk. cap. Chickadee - 30± Red br. Nuthatch - 1

Golden cr. Kinglet - 5± Amer. Robin - 2+

N. Mockingbird - 1 Cedar Waxwing - 2+

Eur. Starling - 400± Palm Warbler - 1

Yel. rumped Warbler - 20+ Amer. Goldfinch - 1

unident. finch - 15±

n = 37

Oct. 18 Rains stopped & clearing through morning.

Route: Salem, Hwy 97 to Mass. & I 495 to Rt 28C

back to NH. Hwy 1A N, stopped at Hampton Beach St. Pk.

and several places along waterfront, Wallis Sands St. Pk.

to Portsmouth to Kittery, Maine to I 95 to I 295

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Oct. 18 cont.

Joined S. of Portland; to Brunswick, US 1 to Woolwich, to hy 127 to Georgetown (bought a couple of sandwiches); to Reid St. Park (on Boothbay Harbor) where we had a picnic lunch. Returned to Woolwich to Brunswick, I 95 to 196 to Lisbon Falls to Durham & Auburn via #136, to Mechanic Falls via #11 to 26 to Norway, hy 117 SW to Bridgton, 302 to Conway, N.H. At 17:30 hooked up our W.R. Motors on no. 112, to N. Woodstock. Stayed overnight at Carriage Motel; dinner Tumant's Tavern (nice place).

DUR forenoon in area nr. Fryeburg, Red Spruce at Reids St. Pk hoping for frost. Birds counted:

Common Loon - 10+ Red-thr. Loon - 3+

Red-necked Grebe - 2 (NH coast) D.cr. Cormorant - 200+

Gt. Bl. Heron - 3 Com. Egret - 3 (NH coast), 65 (Reids St. Pk) Wind. + 88

Black Scoter - 20+ White-w. Scoter - 15+

Surf Scoter - 10+ Red-b. Merganser - 25+ (no 8 plum)

Bl. bel. Plover - 15+ Gt. Yellowlegs - 8+

Dunlin - 1 Semipalmated Sandpiper - 2+

Ring-b. Gull - 30+ Herring Gull - 200+

Gt. B.B. Gull - 45+ T. Vulture - 2 (S. Me.)

Rock Dove - 20+ Mourning Dove - 1

Horned Lark - 1 (Hampton B.) Bluejay - 20+

Am. Crow - 50+ B.c. Chickadee - 15+

Am. Robin - 3 N. Mockingbird - 1 (NH coast)

Eur. Starling - 60+ Yel. rump. Warbler - 25+

Savannah Sparrow - 6+ Ipswich Sparrow - 1 (Hampton Beach St. Pk.)

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Oct. 18 cont.

Song Sparrow - 1+ Br. hd. Cowbird - 1 ♂ + 1 ♀ (Hemlock R.)

Hermit Thrush - 25± n=32

Oct. 19 - Clear day, cool - AM & warm - PM.

Route: N. Woodstock to Franconia Notch St. Pk. (08:15-09:30), return to N. Woodstock, Hgwy 118 to Warren & Canaan, US 4 to I 89 to 12A along Conn. R., S. to covered wooden bridge across R. to Windsor, Vt. US 5 to Ascutney to I 91 S to Brattleboro (lunch at R. Variety Restaurant: 12:15-13:00). Hgwy 119 to Hinsdale, NH & on to I 495 nr. Littleton MA, S. to hgwy 2 to Concord. Left Concord 15:00 & it was two congested to stop to see anything. Hgwy 2A & I 95 to #2 to Cambridge; hgwy 16 to I 93 to Boston & Callaghan Tunnel to Logan airport. Arrived 13 min. ahead of schedule at 16:17. Flight to SF. scheduled for 17:38. Memorable notes: Red Sparrow at The Basin & chipmunk both in Franconia Notch St. Pk.

Few birds noted: Downy Woodpecker - 2, B.C. Chickadee - 5±

Gold. cr. Kinglet - 1+ Eur. Starling - ++

Rock Dove Bluejay - 25±

Am. Crow - 40± T. Vulture - 1 (SE. Vt.)

Herring Gull - Boston At The Basin heard a "fitzbew"-like call - probably a finch.

Total miles driven in rented car = 949 mi.

Total bird species for 4 days = 60

Tilden Park, Contra Costa Co. Calif

Oct 23 - R.E. Stebbins caught a Microtus californicus in a live trap in Big Spring Canyon area, along with a

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Oct 23 cont.

a Peromyscus maniculatus, a Chaetodipus californicus, & a Reithrodontomys megalotis. 2 autopsied the Microtus: 29 g ♂, testes not desc, but scrotum pigmented. test. 6 x 3½ mm, ep. not visible; S.V. 5 mm.

Oct 27 Monterey Bay

Visited New Bright Star Beach ~14:00 - 14:30 (clear)

West Grebe - 1000± (only ~15± were seen well enough to distinguish W. from Clark's Grebe, & all were W.G.)

Eared Grebe - 4 Com. Loon - 1

Pacific Loon - 3 unident. loons - 10± (flying very out)

Brown Pelican - 45± unident. cormorants - 30±

West. Gull - 50± Ring-bill Gull - 20±

Heermann's Gull - 5± Willet - 2

Blk.-bel. Plover - 2 Marbled Godwit - 1

Also saw 1± sanderlings

Nov. 19 - Gary A. Beauman brought in 3 live Dipodomys heermanni that he had caught (under permit) on Nov. 14 (777 Moraga Rd., Lafayette, Ca.). The data is furnished as follows:

Approx. 12 mi. SW Tracy, San Joaquin Co.

On Smith Ridge between Hospital Creek & Low Tom Creek, in Sect. 22 on Low Tom Creek 7.5 min. Quad (1971). They were in a large colony at 1200 ft. elevation near top of a rolling grass hill interspersed with juniper & below oak. It [illegible] a topo. map with the location marked. I skinned all 3 that [illegible]. (WZL # 4114, 4115, 4116).

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San Pablo Marsh + Pt. Pinole Rg. Pk. Contra Costa Co. Calif.
Dec. 15

13:15. 16:30 Lt. Went to San Pablo Creek Marsh first but did not stay long because of the incessant shooting at the nearby gun clubs. At Pt. Pinole PK walked to S border of Park - Giant Marsh area. Weather: fairly cold with some wind.

Western-type Grebe - 1 — Gadwall - 4
Scaup - 300± — Com. Golden-eye - 80±
Ruddy Duck - 6 — Osprey - 1
Blk sh. Kite - 2 — N. Harrier - 1 ♀
Red sh. Hawk - 2 — R.nk. Pheasant - 1 ♀
Blk-bellied Plover - 20± — Killdeer - 3+
Semipalm. Plover - 4+ — Amer. Avocet - 23
Willet - 130± — Marbled Godwit - 8±
West. Sandpiper - 150± — Least Sandpiper - 1+
Ring B. Gull - 120± — West. Gull - 40±
Herring Gull - 10± — Glaucous-winged Gull - 2+
Mourning Dove - 20± — N. Flicker - 2+
Black Phoebe - 1 — Tree Swallow - 2
Winter Wren - 1 (salt marsh - Giant) — R. cr. kinglet - 1
Amer. Robin - 2 — N. Mockingbird - 1
Eur. Starling - 500± (mostly seen by Hawks over Richmond)
Yel. rumped Warbler - 1+ — Calif. Towhee - 4
Savannah Sparrow - 15± — Song Sparrow - 5+
Golden cr. Sparrow - 2+ — White cr. Sparrow - 50±
Dk. eyed Junco - 3+ — mixed. blackbird - 30±
W. Meadowlark - 1 — House Finch - 6+
Amer. Goldfinch - 1

x = 42

LIDICKER
1991

Northern California Trip
Dec. 25 - 28

Dec. 25 - Left Leon ~ 13:45 & drove N on US 101.
Dinner - Garberville; overnight: Eureka with Del & Eddy Day.

Dec. 26 - Left Day's about 10:45 & drove S. to Loleta Rd exit & went to So. Jetty Rd & went to end of jetty (Humboldt Bay). Weather was cold with a strong NE wind blowing.
Continued N on US 101; lunch in Trinidad (restaurant on Trinidad Bay) - took 1 1/3 hrs! Drove N to Crescent City stopping briefly a few times along Bi & Dry Lagoons. Got motel (Totem) & had snack 8:45-9:05.

Dec. 27 - Rain in evening & most of night. Light rain most of day, winds moderate.
09:00 - 13:55 Visited area around Lake Earl Wildlife Area. Both Lake Earl and especially Lake Talawa were full of duck hunters. Some in small boats were driving thousands of ducks around the islands; some were also shooting from a canoe. Returned to Crescent City for lunch. Then drove to Arcata & took US 299 E to Redding. Heavy rain & fog in mountains. It got dark about at Willow Creek. Rain stopped as we approached Redding. Took I 5 to Red Bluff. Rain started up again on way to Red Bluff. Got a motel (Travelodge). Rain for most of night.

Dec 28 - 09:30 left Red Bluff after breakfast. Rain showers until close to Sacramento Wildlife Refuge which we visited 10:30-12:10. Here it was partly cloudy, sunny, cool, & windy. Continued S to Elk Grove S. of Sacramento through heavy rain & hail storms. Visited with

Lidicker
1991

25-28 Dec. cont

relative mild ~ 21:00 & then down Lone; light to
moderate rainfall most of the way. Arr. ~ 22:45.

Bird list for trip: (HB = Humboldt Bay area; LE = Lake
Earl Wildlife area; SW = Southern Wildlife Refuge)

Pacific Loon - 1 (HB)

Pied-bl. Grebe - 50± (LE), 3 (SW)

Eared Grebe - 1 (LE)

West. or Clark's Grebe - 2 (LE)

Double-cr. Cormorant - 25± (coastal), 1 (SW)

Brandt's Cormorant - 1+ (HB)

Pelagic Cormorant - 12± (HB)

White Pelican - 20± (SW)

Gt. Bl. Heron - 5+ (coastal), 1 (SW)

Cattle Egret - 2 (LE)

Great Egret - 100± (coastal), 1 (SW)

Snowy Egret - 1 (SW)

Amer. Bittern - 1 (SW)

Tundra Swan - 40± (HB), 2 (n. of SW), 4 (SW)

Gt. Snow Goose - 1 (HB), 1000's+ (SW)

Ross' Goose - 15± (SW)

White-fronted Goose - 400± (SW)

Canada Goose (large) - 90± (HB), 30± (SW)

Cackling Goose - 2 (HB), 600± (SW)

Green-winged Teal - 25± (EL), 50 ± (SW)

Mallard - 5± (LE), 200± (SW)

N. Shoveler - 1 (LE), 500± (SW)

Gadwall - 80± (LE), 300± (SW)

LIDICKER
1991

25-28 Dec. cont.

N. Pintail - 300± (SW)

Amer. Wigeon - 20± (LE), 300± (SW)

Ring-nk. Duck - 30± (Big Lagoon area), 1 [redacted] (SW)

Redhead - 3 (coastal)

unid. Scaup - 100+ (coastal)

Bufflehead - 150± (coastal), 30± (SW)

Surf Scoter - 20± (coastal), unid. Scoters - 100±

Wh. w. Scoter - 2+ (HB)

Hooded Merganser - 1♂, 30±♀♀ (LE)

Red br. Merganser - 1 (HB)

Ruddy Duck - 200± (coastal), 400± (SW)

Turkey Vulture - 3 (coastal), 10± (valley)

Black-sh. Kite - 1 (HB)

Bald Eagle - 1 imm. (LE)

N. Harrier - 5+ (coastal), 10± (SW)

Red. shouldered Hawk - 1 (HB)

Red-tailed Hawk - 20± (coastal), 12± (valley)

Sharp-shinned Hawk - 2 (LE)

Amer. Kestrel - 2+ (coastal), 3 (valley)

Sora - 1 (LE)

Amer. Coot - 500± (coastal), 700± (SW)

Killdeer - 10± (SW)

Semipalmated Plover - 3 (Big Lag. area)

Black-bellied Plover - 10± (coastal)

Black Turnstone - 30± (HB)

Sanderling - 30± (HB)

Black-necked Stilt - 2 (SW)

LIDICKER
1991

25-28 Dec. cont.

Wood Sandpiper - 50± (HB)

Least Sandpiper - 50± (coastal), incl. 2 on rock jetty with Turnstone + Sanderling

Dunlin - 15± (HB), 2 (SW)

Gt. Yellowlegs - 3 (SW)

Wilson's Snipe - 1 (SW)

Ring-billed Gull - 80+ (coastal), 10+ (SW)

Mew Gull - 2 (HB)

Herring Gull - 100's (coastal)

Western Gull - 1000's (coastal)

Glaucous-winged Gull - 100± (coastal)

California Gull - 1+ (SW)

Rock Dove - 8± (urban + valley)

Mourning Dove - 1 (HB)

Gt. Horned Owl - 1 (LE)

Short-eared Owl - 2 (Arcata Bottoms + Ukiah)

Anna's Hummingbird - 3 (coastal)

Belted Kingfisher - 2+ (LE)

Downy Woodpecker - 1 (LE)

N. Flicker - 15± (coastal), 2 (SW); coll. 1 ygl. skinned for museum = LE

Black Phoebe - 4 (LE)

Scrub Jay - 1 (S. of Willits)

Steller's Jay - 2 (LE)

Amer. Crow - 20± (coastal), 5± (valley)

N. Raven - 30± (coastal), 5+ (valley)

Ruffed Gr. Chickadee - 8± (HB)

Black-capped Chickadee - 20± (LE)

Bewick's Wren - 1 (LE)

LIDICKER
1991

25-28 Dec. cont.

Marsh Wren - 5+ (LE), 1 [SW]
Winter Wren - 2 (LE)
Golden-cr. Kinglet - 20± (coastal, mostly LE)
Ruby-cr. Kinglet - 15± (coastal, mostly HB)
Amer. Robin - 40± (coastal, mostly LE)
Varied Thrush - 1 (LE)
Northern Shrike - 1 (LE) - terrific view
Loggerhead Shrike - 2+ (SW)
Cedar Waxwing - 15± (coastal), 20± (nr. SW)
Yellow-rumped Warbler - 35± (coastal), 4+ (SW)
Townsend's Warbler - 1 (LE)
Song Sparrow - 20± (coastal), 2+ (SW)
Swamp Sparrow - 1 (LE)
Savannah Sparrow - 20+ (SW)
White-crowned Sparrow - 20± (coastal), 15± (SW)
Dark-eyed Junco - 15± (coastal)
West. Meadowlark - 20± (LE), 10± (SW)
Red-wing - 200+ (SW)
Brewer's Blackbird - 30± (coastal), 50± (Valley)
House Finch - 4 (LE)
Pine Siskin - 2+ (LE)
Amer. Goldfinch - 5+ (SW)
House Sparrow - 3 (along I 5 underpasses)

n = 100

13774

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